

The VULCAN LANGUAGE



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THE VULCAN LANGUAGE INSTITUTE
SHI'OREN T'GEN-LIS VUHLKANSU

A Message From Our Director
Wuh Skladan s'Sha'Khartasu

Welcome to the Vulcan Language Institute site! This site is the culmination of work I began 23 years ago. This organization began as informal discussions amongst fans in the 1970's and took shape as a group in 1980. Over the years nearly 45 people have participated in one way or another. My original intention was to publish our materials in a format similar to Marc Okrand's 1985 edition of The Klingon Dictionary. We discovered Paramount Pictures and Pocket Books apparently consider the Klingon language boom a fluke and will not support other Star Trek languages. This is too bad, since we have seen that there is clear fan support for Vulcan, Romulan, Cardassian, Bajoran, and even Ferengi languages. This site is presently the only way we have to expose interested fans to our work. Our organization continues to evolve now that we are no longer a "private" group. We are non-profit but are exploring all options.

We continue to add material to our site on a periodic basis, although we slowed down substantially from our rapid growing pace of the first two years. We have a considerable body of work accumulated, since we have carried out serious linguistic, etymological and scientific work over the years. The words in our language have a history and are related to each other, unlike the work of others who randomly created words to fill gaps. We also refuse to use "word generators" and each word has been translated carefully with some thought behind it, especially the scientific and technical terminology. It has taken *many* years of work to build up the thousands of words in our vocabulary and we continue to flesh it out. We have attempted to build up the language from existing root words whenever possible. Our main languages, Traditional Golic Vulcan and Modern Golic Vulcan, have the feel of genuine, natural languages with a history. A dynamic language is much more exciting anyway!

We are excited with the response we have had since we opened our doors to the world on August 1998. We especially thank those of you who passed the word along to others! We hope to continue to be worthy of the praise we have received so far and get better. We are very pleased received many Internet site awards during our first years online. We want to thank these other sites and people for honoring us with their awards! Your votes of confidence are encouraging!

Our online vocabulary and grammar materials are developing. We want to especially work on the grammar materials, so that with the selection of words we have made available so far, the average person should be able to translate some basic sentences to and from either of the main Golic Vulcan languages we focus on. We have put a number of language lessons online and will add more. Other projects are in the works. Someday we will translate works of literature and the entire Bible into Golic Vulcan. I have personally translated the first two chapters of Genesis from The Bible into Golic. These will be put online in the near future for study. Be patient with us, we have lots more coming!

Dif-tor heh smusma.. (Live long and prosper!)



An Introduction to Vulcan Linguistics and the Old High Vulcan Languages Traditional Golic & Modern Golic

***Ragtaya na'Gen-Lis-Tal Vuhlkansu
eh Gen-Lislar Os-Pid-Vuhlkansu
Ba-Golik heh Iyi-Golik***

One of the most talked about subjects in Star Trek fandom is alien languages, especially those of the Klingons and Vulcans. Over the past 30+ years, fans of the series have written about a Vulcan language of one kind or another, but most left their work incomplete. Others made things so overly complicated, that few could hope to learn it except the insiders. While the first is understandable for amateur fan linguists, the second is arrogant and not in the spirit of what Gene Roddenberry intended Star Trek to mean. We strongly feel that the effort has to be honest as well as thorough. Our work since 1980 shows that one does not have to sweat blood (red or green) to learn a Vulcan language.

One major problem is that most writers on Vulcan linguistics approached Vulcan from an Earth of the 20th Century point-of-view. Also, they neglected to consider that there must be more than one major language in use on the planet Vulcan. These people acted as if their language was the only "real" version and refused to accept anyone else's work. We have had people react to us this way. Considering the hundreds of languages on Earth, it is beyond a shadow of a doubt that many languages did and still do exist on Vulcan. We all have to remember that the Vulcan languages are *alien* languages. They are *not* related to any of the languages of Earth! Trying to fit them into a human mold is definitely illogical. Our research has been conducted as a professional, scholarly project.

Many years ago, in the early days of fandom, the only examples of any Vulcan language were a handful of words from the series and a couple novels. Many fans set out to create a Vulcan language dictionary and grammar. They "filled in the gaps" by creating words consisting mostly of the letters "S", "T", "P" and "K". Although some of these vocabularies were quite creative, most of them were thinly disguised English or other language words. Much of these early works have disappeared over the years as the authors aged, passed away or official literature made their works "obsolete". Many long-time fans have probably heard of the *Vulcan Language Guide*, a pamphlet published by April Publications in 1977. They were sold via mail and at many conventions over the years. The Vulcan language in that guide is suspiciously similar to Japanese! Several years ago, an acquaintance of ours from Japan, Akira Kawamura, suggested this anonymous work may have been written by a Japanese-American fan! After the release of Star Trek: The Motion Picture and its spoken Vulcan, further work on their material apparently ended. Despite this, it opened up the eyes of many early fans, including that of our founder and several early members.

The first person outside of our group (that we know of by name) who made an effort with the Vulcan language was Katherine D. Wolterink, a frequent contributor to the old *Trek* magazine and the Best of Trek

series of books in the 1980s. In The Best of Trek #10 she presented a Vulcan lexicon. Unfortunately, she insisted on giving it all the articles, pronouns, prepositions, etc., of an Earth language. She twisted the speech from *Star Trek: The Motion Picture* to fit. Vulcan languages developed independently from Earth, so cannot follow the same pattern and structure we have here. Also, she thought that Saavik and Spock spoke Romulan together in *The Wrath of Khan* (The Best of Trek #7). First of all, it would be a major offense for Starfleet officers to speak an enemy language on board a Federation starship, unless training for an undercover mission in Romulan space. Also, the structure of the transcribed speech was not dissimilar from previous examples of spoken Vulcan. Later, in a chat session, Marc Okrand, famous for his Klingon work, stated that it was Vulcan and not Romulan, since he was the one who came up with the spoken dialogue for that movie! Again, Vulcan is an *alien* language and you can't analyze it with a system used for Earth languages. Mark R. Gardner, the founder of the Vulcan Language Institute, submitted several articles to *Trek* back then but none were published before the publication disappeared. One of those articles was expanded into this introduction.

The real break in the study of Vulcan languages came with the release of *Star Trek: The Motion Picture*. In a most wonderful scene, Spock has completed years of the Kolinahr training and is waiting to receive a symbol of total logic for his efforts. We finally are treated to hearing Vulcan spoken in more than single words. Music to the ears for Vulcan fans of *Star Trek*! In the next two movies, we are pleased to have additional Vulcan to enjoy. Later television series episodes and the successful line of novels also added words. We almost decided to ignore the novels, since Paramount Pictures has advised that they do not take anything in the early Bantam or current Pocket books as canon in *Star Trek* chronology or history. Basically, the official line is that all of the novels, unless an "official" novelization of a movie or TV episode, are apocryphal or non-canon. We eventually decided to include some novel words because we felt it was of value in linguistic study. The words are "real" even if the events are considered "fiction" within the *Star Trek* universe!

Why an interest in Vulcan languages? First of all, our founder has been a fan of the show since it first was on. "Amok Time" was a fascinating episode and started him wondering about other facets of Vulcan life, including their language. To Mark, languages have always held a great fascination. Though not exposed to a second language at home, he began to teach himself French at age 9, German at age 11 and Russian at age 16. He also studied Latin, Greek and Middle English. He was an exchange student to Iceland in high school. He learned a lot of Icelandic (little changed from Old Norse) while he was there. It was only logical that he went into linguistics when he joined the U.S. Navy. He completed a year-long Russian course at the Defense Language Institute in Monterey, California, with honors. In the Naval Security Group, he was a transcriber and analyst. He was stationed overseas in Turkey and Scotland. In Turkey he learned enough Turkish to get by in simple conversation; in Scotland he spent so much time off base, that he developed a Scottish accent that confused his fellow Americans! After leaving the service, he started to study such things as Old English and American Sign Language. Mark even spent a year inventing a language that had no irregularities and simplified grammar, based loosely on Old Norse and Old English. It is called Garnik. Should he return to college for a post-graduate degree in linguistics, he plans to use this as the basis of his master's thesis. Other past and

present members of the Vulcan Language Institute are also fans as well as linguists.

Only after having studied a number of languages and learned a lot about Linguistics, can one be anywhere near being qualified to study an "alien" language. One does not need a doctorate to do this, just to be well-read and open-minded. Mark freely admits that he is no expert on all facets of Linguistics and that's where having intelligent and educated colleagues comes into play. A number of people have come and gone in our organization over the years, adding to the project. One of the most important factors when analyzing any language is understanding the people and culture behind the language. In this case, unless you understand the Vulcans, you can't explain their language. Vulcan philosophy and language are tied together somewhat. Logic extends into the language. A linguist studying Vulcan languages, especially those in post-Surak use, must also be something of a philosopher.

Transcription of another language into one's own alphabetic system is not an exact science. Anyone who has tried to convert Chinese, Japanese, Greek, Russian, etc., into the Latin alphabet knows what we mean. It is possible to come close in approximating the sound of the other language, but no system has been found that can represent any and every language. This is true with Vulcan languages. After the first contacts between Earth and Vulcan, a system came into use that was convenient to humans but "embarrassing" to the Vulcans. For example, in English, the letter "Y" can be either a vowel or a consonant, but the corresponding character in Vulcan is only a consonant. To express the "Y" vowel-sound in Vulcan you must use the diphthongal "AI", never "Y". It is most illogical to have two ways to express the same sound. (The Bolsheviks on Earth, after the Communist Revolution, dropped "redundant letters" from the Russian alphabet as unnecessary, for example.) Although a later Federation conference adopted a reformed system for transliterating Vulcan into what had become Federation Standard English, you still often see misspellings such as t'h'y'la or ka'athyra. Old habits are hard to break.

Mark didn't really begin to take a serious linguistic interest in Vulcan languages until he saw ST:TMP when it first came out. When the Vulcan Kolinahr Master, T'Sai, opened her mouth and out came Vulcan, he was awestruck! It wasn't until after The Wrath of Khan that Mark began to work with others on a professional analysis of spoken and written Vulcan. He bought the first three movies on the then-superior Beta format and began the arduous task of transcribing the Vulcan spoken in the movies. Since he had done similar stuff in the service, this was old hat. In all, he spent at least 50 hours playing the movie scenes with spoken Vulcan over and over again until he got the phonetic sounds down. Comparing the transcription with facial and lip motions to confirm some vowel and consonant sounds that were harder to hear turned out to be of no use. It turns out that the actors originally spoke in English with exaggerated mouth movements! This was an unexpected surprise. After several years, Mark was finally able to talk to one of the production crew, who informed him that the actors were instructed to exaggerate the way they spoke in order to make it "exotic" sounding. Only later, did the staff dub over the original dialogue with spoken Vulcan for more realism. On one of our pages, you will find a comparison of what was actually said, what was spoken via ADR (ie, voice dubbing), and what the subtitles said. It is very interesting historically, of course, but we will ignore whatever was originally there for our research, because the Vulcan speech and the subtitles are what we consider the "official" version we've based our

work on. As far as we know, we are the only group to know of the exact original dialogue, unless someone has a copy of the shooting script!

Anyway, to make sure that he wasn't hearing things, Mark took an audio cassette of the spoken Vulcan to an acquaintance who was fluent in seven languages and worked as a speech therapist with hearing and speech-impaired people. Mark gave him the tape without telling him what it was and asked him to transcribe it. (If Mark had told him it was from Star Trek at the beginning, he probably would have refused.) Mark was very pleased to see that he achieved nearly identical results. They only disagreed on three sounds out of the Kolinahr sequence sentences. Not bad at all! Mark then told him what the sample was and he ran it through a sound analyzer similar to that which is used for voice print comparisons by law enforcement agencies. The last few questionable parts were cleared up when the tape was slowed down and was analyzed sound by sound.

When Mark first began this Vulcan language project, he saw himself putting out a book similar to the first edition of The Klingon Dictionary, Marc Okrand's wonderful book which started the whole Klingon language ball rolling. We also took inspiration from the newer Klingon Language Institute. We've made a number of attempts over the years at contacting Mr. Okrand and dealing with Pocket Books about this, but eventually gave up the idea after it became obvious there would be no support for anything other than Klingon from the powers that be. Unfortunately, in that online chat session with Marc Okrand many years ago, our founder was unable to get any word in because of all the people on at the time. Amongst our group, we have read every Star Trek novel (even the hard-to-find non-Pocket Books ones), as well as watched all the movies, the original series, the animated series, and the newer TV spinoffs. We've taken all Vulcan words we could find in writing or in speech and recreated a complete grammar and dictionary of what Gene Roddenberry called "Old Vulcan" in his novelization of ST:TMP, but which we gave the general name "Old High Vulcan", because "Old Vulcan" is too easy to confuse with the "Ancient Vulcan" root language. "Old High Vulcan" is actually comprised of two close languages -- Traditional Golic Vulcan (the formal language of Surak and continuing planet-wide language of ceremony) and Modern Golic Vulcan (a less formal and contemporary version of the same language which is used as a regional and clan dialect). It has been a very long project and we are still finding an occasional word here and there to add to the list. At present there are thousands of words in the lexicon we have assembled. Hundreds of these words are direct from television, novels or the movies. Unlike others, who use random generators to make up most new words, we have built up the language from word roots using sound language theory. Only in cases where no obvious roots exist did we create Vulcan-sounding words. In this way we are unique.

An analysis of the language of the movies (Golic Vulcan) proves that it is a compounding language -- small words and roots are combined to make new words. Mark and the early contributors broke the words down to their roots and then built up the additional vocabulary from there. This is an example of linguistic "reverse engineering"! (This is based on a technique similar to that which linguists use to decipher ancient texts from fragments of a language.) Some examples of this compounding are: *khaf-spol* (literally "blood-pump") which means "heart" and *ru'lut-masu* (literally "mouth-water") which means "saliva". A number of Earth and other Federation languages also compound like this (or did at an earlier point).

Additionally, our analysis of the Golic Vulcan languages shows they are more phonetically logical in structure than English. There is an alphabetical character for each unique consonant sound and there are five vowels which can combine into diphthongs. In all, there are three groups of three sets of three letters ($3 \times 3 \times 3 = 27$) in the Vulcan alphabetic system. The letters are in the order of most common to least common at the time of the Vulcan language reforms. Since then, of course, the frequency of letters has changed. Anyone that says that the Vulcan alphabet goes A B D E F G ... has had too much Romulan ale. The actual Vulcan order of their letters is:

S T P K R L A Sh O U D V Kh E H G Ch I N Zh M Y F Z Th W B

The digraphs are a single letter in Vulcan, for which no counterpart exists in Federation Standard English. You will also notice that there is no "C", "J", "Q" or "X" in Old High Vulcan. The "J" was dropped during the language reforms suggested by Surak and his followers (it survives in Romulan and several other Vulcan dialects); and "C", "Q" and "X" never existed, although it is possible to see a few Vulcans with names like Xon, which is due to the previously mentioned inaccurate Federation transliteration system. (The famous Vulcan, Spock, has had his name misspelled and slightly mispronounced for most of his adult life. His name was spelled "S-P-O-C-K" because it sounded like that to untrained Federation ears. Since "C" does not exist in Vulcan, his actual correct name would have to be something like Spahk, Spakh, Spahkh, Spakk, Spohk, Spohkh, Spokh or Spokk. But which one? It is hard to be sure, since T'Sai in ST:TMP pronounced it like "SPOHKH" once and "SPAHKH" twice. We think that "Spahkh" is the only one that fits most accurately, especially since it is close to the way that Federation speech has rendered it. Since all Vulcan names had a meaning originally, it is possible that the more formal Old High Vulcan speaker pronounced his name in a more archaic way at one point as a honorific, hence the one-time "SPOHKH" pronunciation, then reverted to the more common "SPAHKH" when her surity of his having successfully completed Kolinahr was in doubt. If you watch the subtle facial expressions of T'Sai in ST:TMP, you can see reverence, pride, doubt, distaste, and disappointment. Not exactly what you'd expect from a Kolinahr Master, but there all the same!) Nevertheless, nearly all sounds of Federation Standard exist in Vulcan. The J-sound in "jam" can be approximated by "dzh", which appears in Old High Vulcan, but the soft TH-sound in "though" does not exist in any known Vulcan language. This is why Vulcans have little trouble mastering Federation Standard. See the grammar section for additional pronunciation guidelines.

Let's talk briefly about the grammar and structure of the language: One thing you notice right away when you compare the spoken language to the subtitles is that the order of Golic Vulcan is quite different. When you break down the sentence, it is obvious that the verb often comes first. This is also the case in some Earth languages. But the verb can also move to show emphasis.

Early on, we spent a lot of time looking for patterns, affixes and repetitions. There is no definite article (the) in Golic Vulcan and indefinite articles (a, an) are rarely used! If you really think about it, these are not absolutely necessary -- we are just used to them. The Russian language, for example, doesn't use them and it is quite expressive. As a language spoken by logic adherents, Golic Vulcan dropped parts of speech that were redundant or unnecessary. Here's where most Vulcan analysts make their first mistake -- they try to find definite articles in Vulcan

speech. Since they are not there to begin with, the analysts' imaginations take over and they create convoluted systems or invent sounds that just aren't there. We chuckle at some of these imaginary parts of speech. "The" is an Earth concept!

The next thing that some Vulcan analysts try to fit in are prepositions. Yes, Vulcan does have prepositional forms but they rarely stand alone. These "prepositions" usually take the form of prefixes. The best example of this occurs in sentences spoken in ST:TMP. There is something that sounds something like "toe Kolinahr" or "tuh Kolinahr" to some fans. This is actually t'Kolinahr. The "t'" is a possessional prepositional part of speech that means simply "of" or "belonging to". (Some people, like Katherine Wolterink and several others, tried to make this "toe" or "tuh" into the definite article "the", which was clever but it does not appear regularly enough to make it work.)

The next thing that some people who analyzed Vulcan did is automatically assume that there has to be a typical English subject-verb-object relationship in Vulcan. Not so! Since the Vulcans are very intelligent and waste of effort is an anathema to them, the subject and/or the object are often dropped from speech when they are implied. Once a subject and/or object is mentioned in conversation, it is not repeated in every sentence unless emphasis is required. Vulcans are more than capable of keeping track of the subject/object currently being discussed.

This omission of words that are implied is even more obvious when it comes to personal pronouns and the like. They exist but are used sparingly because the context of conversation usually implies the possession of an item. If you are talking to another person about yourself and then mention the word for "ball", it is assumed by Vulcans that it is "your own ball", etc. Vulcans grow up with this system and have no problem keeping track of what is whose during the course of a conversation. The grammar section has additional information on this.

There are two forms of verbs in Vulcan -- strong and weak. When the language reforms took place around the time of Surak, there was a strong desire to completely revise the language so that all verbs followed the same pattern. Tradition won out over change in a compromise to approve other changes. This was an example of the newly embraced Vulcan belief in logic and the IDIC philosophy. Weak Verbs are formed by taking a word root and suffixing "-tor" to it. These are very common in the Golic Vulcan languages. Examples are *dif-tor* (to live a long time), *zup-tor* (to labor), and *fal-tor* (to rejoin), all three are direct from movie dialogue. The form is the same for all persons and tenses. Only context says whether it is simple past, present or future tense. Strong Verbs can be regular or irregular. Irregular Strong Verbs can come in any form, like *estuhl* (to touch) or *pstha* (to search), and are usually descended from ancient words. They act the same as Weak Verbs. Regular Strong Verbs always end with the letters "au". In present and simple future tense the verb is the same as the infinitive. In simple past tense, the ending changes to "al". All three types of verbs are treated the same way in perfect past tense and definite future tense. In the perfect past tense, the verb is prefixed with "ki". For example, *sarlah* (to come) and *ki'sarlah* (has come). In the definite future tense of Traditional Golic (the older form), the verb is preceded by the word *fa-wak* (future). For example, *fa-wak pehkau* can mean "will stop" or "shall stop" (literally "future to stop"). In Modern Golic, used by most contemporary speakers, these would be *dungi-pehkau* ("will stop") and *dungau-pehkau* ("shall stop").

We have covered a considerable amount of material in this introduction to the Golic Vulcan languages and our work on Vulcan linguistics. Our challenge to you: Pop your copy of Star Trek: The Motion Picture into a VCR and follow along with the sentences (on the example phrases page) as the Vulcan Kolinahr Master, T'Sai, and her subordinate speak them. If you've studied the pronunciation guidelines we've provided, you should have no difficulty in following it. On this site, we will provide you will the tools to learn some basic Golic Vulcan through lessons. This site will expand and change as time goes by and we receive feedback.

Some members of our group, your fellow Star Trek fans, have spent nearly half their lives on this research. We hope you will find it of great use now and in the future. Someday, perhaps, we'll be able to speak it together. Until that day, "Dif-tor heh smusma.." (Live long and prosper!)

Akali -- urgent
 Akansu -- alien (n.)
 Akhlami -- among us
 Alem -- salt
 Alem-tukh -- sodium
 Aluk -- fish (n.)
 An-kharkh -- fear (obs.)
 An-prele -- pain control meditation
 Ar'kada -- work (v.)
 Ar'kadan -- work, chore, task, job
 Ar'tu -- project (n.)(anc.)
 Arlanga -- a Vulcan mountain range
 Arlanga-tukh -- yttrium
 Aru -- afternoon
 Aru-yem -- dinner, "afternoon meal"
 Asal -- morning
 Asal-yem -- breakfast, "morning meal"
 Ash'ya -- foot
 Ash-tor -- step, tread (v.)
 Ash-vel -- shoe
 Ashau -- love
 Ashenau -- raise, elevate
 Ashiv-tor -- repeat (v.)
 Ask'er -- army
 Ask'ersu -- soldier
 Askital -- military (n.)
 Au -- them, they
 Aukh -- gypsum
 Ausham -- venom
 Aushfa -- animal (n.)
 Aushfa-kelek -- barn, stable
 Aushfa-tal -- zoology
 Aushfamaluhr -- animal, beastly, savage (adj.)
 Avon -- hunger (n.)
 Avon-telik -- hunger (v.)
 Awek -- private
 Awek'es -- privacy, solitude
 Ayau -- tilt (v.)

Ba-tak -- tradition (anc.)
 Bablivau -- designate
 Bah-ker -- garden
 Bahsu -- gardener
 Bai'elkhrul-akteiben -- attainment
 Bai-lak-pa -- self-pity (anc.)
 Bak -- rib
 Bal -- group, set (n.)
 Bali -- thick
 Bali-thonek -- caliper
 Balkra -- an aromatic casserole (anc.)
 Banu -- speak of/about
 Bar-got -- herb
 Bar-kas -- spice

Bashan -- migration
Batai -- sturdy
Bau-tor -- disregard, ignore
Be' -- beside, near, next to
Be'es -- nearness, proximity
Be'hai'la -- guest
Beglanau -- notice (v.)
Behsu -- neighbor
Bek-tor -- wait (v.)
Belaar -- Summer (season)
Ben -- to us
Bes -- drawing
Bes-tor -- draw (v.)
Besan -- chart, map, plot (n.)
Besau -- chart, map, plot (v.)
Besu -- companion
Betau -- approach, near (v.)
Bezhun -- eye
Bezhun-masu -- tear(s)
Bikuv -- picture
Bishau -- swarm, teem (v.)
Bling -- cymbal
Bohrau -- cure (v.)
Bolau -- need (v.)
Bolaya -- need (n.)
Bosh -- full
Boshak -- filling (n.)
Boshau -- fill (v.)
Bov -- average (n.)
Bov-tor -- average (v.)
Bovik -- average (adj.)
Brag -- crypt, tomb
Bral-tukh -- gallium
Brash'es -- fecundity
Bru -- lip
Buhfik -- perfect
Buhl-, Buhlik -- enthusiastic
Buhn -- coin
Buk -- fate, destiny
Bulom-tukh -- molybdenum
Burun -- crisis

D'mallu -- large, carnivorous plant
Da -- pebble
Da'Nikhirch -- Eye of Fire, Fire-Eye, ie. the Vulcan Sun
Da-fek -- axle
Da-kuv -- circle
Da-nel -- cycle
Da-sfek -- axis
Da-tor -- rotate, turn
Dafel -- pelvis
Dah-wak -- twice
Dahek -- duo

Dahkvalu -- parabola
Dahl-tor -- detach, disengage
Dahli -- apart
Dakh -- cast out (v.)
Dan -- rotation, turn(ing)
Danau -- explain
Danik -- most (adj.)
Dap -- mercy
Dap-lan-pa -- children's game similar to Mercy or Uncle
Dash-tor -- injure
Datau -- propel
Dataya -- propulsion
Dator -- prepare
Dau -- affect
Dau-tukh -- hormone
Dawan -- a person who cannot be counted on
Daya -- effect
Dayek -- propeller
Def -- batch (n.)
Deik -- file (document)
Del -- rim
Desh'rak -- north
Desh-tukh -- dolomite
Deshker -- question
Di'kizh -- exchange (n.)
Dif-tor -- live long, live a full life
Din-tor -- miss (v.)
Dir-, Dirik -- coarse
Do -- than
Dohn -- board, plank, playing surface for a board game
Dok -- brick
Dol-hinek -- clavicle
Dom -- so (exclamation)
Don-ka -- rich, wealthy (anc.)
Don-tak -- riches, wealth (anc.)
Donkes-tor -- finance (v.)
Donketu -- funds
Donku -- money
Dor -- honor (n.)
Dor-tor -- honor (v.)
Dorli -- honorable
Dotokau -- fine (v., penalize)
Drahk -- throat
Dref -- rake
Drizh-tor -- itch (v.)
Du -- you
Dud -- a small piece of paper, film, etc.
Duf -- leather
Duh(-) -- daffy, foolish, goofy
Duk -- bubble (n.)
Dukal -- ball
Dulai -- tough
Dun -- paper

Dun-zhukusu -- paper-maker
 Dunap -- book
 Dunapshausu -- book-binder
 Dunapsu -- librarian
 Dunes -- brochure
 Dungi -- will (v.)
 Dungau -- shall
 Duta'es -- diplomacy
 Dutar -- diplomat (anc.)
 Dutarik -- diplomatic
 Dutarik Sklada-Dvin T'Khasi -- Vulcan Diplomatic Courier Service
 Duv -- shadow, umbra
 Dvatai -- doctrine, principle, tenet
 Dvel'nahr -- old concept of "Vulcan-by-choice" (anc.)
 Dvel-tor -- choose
 Dvesh-tukh -- brass
 Dvin-tor -- serve
 Dvinsu -- servant
 Dvolau -- set, adjust
 Dvun -- move(ment)
 Dvun-tor -- move (v.)
 Dvunek -- muscle
 Dvunel -- motion
 Dwemish ni-an -- training: isolation of identity
 Dzharel -- "jarel", a small, horned horse-like animal
 Dzhinau -- refer
 Dzhya'an'Kahr -- "Jia'anKahr", a Vulcan city
 Dzhyan-tukh -- beryllium

Eh -- and (after a vowel sound)
 Eik -- wide
 Eik-vath -- width
 Eiktra -- plain (n.)
 Ein -- some
 Ein-veh -- someone
 Ein-wilat -- somewhere
 Eitau -- shear, cut away (v.)
 Ek, Ek' -- all, total, complete
 Ek'an -- maximum
 Ek'anau -- maximize
 Ek'kal -- sphere
 Ek'man'es -- safety
 Ek'mishan -- technology
 Ek'nosh -- climate
 Ek'rak -- in all directions
 Ek'tal -- science
 Ek'talsu -- scientist
 Ek'te'kru -- authority
 Ek'tra -- planet
 Ek'wak -- forever
 Ek'zehl -- border
 Ek'zer -- jewel, gem
 Ekon -- god

El -- free
El'es -- freedom
El'ru -- hand
El-wak -- leisure
El-tor -- (set) free (v.)
Elakh -- cable, line
Elat -- knob
Elek -- pointer, hand (of a clock, etc.)
Elmin -- oil
Elsaku -- leash, tether (n.)
Enok-kal fi-lar -- training: processes of definition
Ertau -- bother, disturb
Es'merka -- habit(s)
Esh -- breath
Esh-tor -- breathe
Esh-tukh -- oxygen
Eshak -- "eschak", destructive psychokinetic effects
Eshikh -- desert
Eshu'a -- demon
Estuhl -- touch (v.)
Etek -- us, we (normal)
Etwel -- us, we (superior)

"F" to "I"**ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU****>F< na' >I<**

Fa' -- before, in front of
 Fa-gad -- tomorrow
 Fa-glan -- foresight
 Fa-patam -- forehead
 Fa-wak -- future
 Fa-wak-glansu -- prophet
 Faf-kur -- pink
 Fai-tor -- know
 Fai-tukh -- knowledge
 Faik -- data
 Faika-, Faikaik -- exact (adj.)
 Fainu -- (the) known (n.)
 Faka -- hernia
 Fakovau -- prevail
 Fal -- hot
 Fal-tor -- rejoin, put back together
 Fal-tor-pan -- refusion of body and soul
 Falek -- heat
 Falek'es -- temperature
 Falun -- charge (electrical)
 Fam -- lack, dearth
 Fan -- any
 Fan-veh -- anyone, anybody
 Fan-wilat -- anywhere
 Fanet -- ornament (n.)
 Fas-tor -- cook (v.)
 Fasek -- oven
 Fash -- hood
 Fassu -- cook (n.)
 Fasei -- from (a superior)
 Fator -- continue
 Fau-tor -- ride (v.)
 Fau-yut -- road, street
 Feh -- peak (n.)
 Feihan -- chief, leader, boss, "feyhan"
 Feim -- list (n.)
 Feim-tor -- list (v.)
 Fek -- pole, rod, staff, post
 Fel -- oar, paddle (n.)
 Fel-tor -- paddle, row (v.)
 Felu -- nail (finger, toe)
 Fen-tor -- seal (v.)
 Fenul -- seam (n.)
 Fer-tor -- generate
 Fereik-tor -- invent, create
 Fereikan -- invention, creation
 Fereiksu -- inventor, creator

Ferek -- generator
 Fezanikau -- forecast (v.)
 Fezhau -- dissolve
 Fi' -- on
 Fihal-tor -- embark, get onto
 Fihet -- stable (adj.)
 Fik -- top
 Fim -- dose (n.)
 Fir-tor -- brace (v.)
 Fish-tor -- damp(en), turn down, lower (a setting)
 Fishek -- damper, dampener
 Fitor -- carry out, execute
 Flakosh -- distress (n.)
 Flan -- intense
 Flan'es -- intensity
 Flash -- swamp (n.)
 Flau -- pollute
 Fleitau -- strip (away)
 Flekh -- odd, strange, weird
 Floku -- spoon (n.)
 Flutash -- placenta
 Fnash-vel -- broom
 Fnashtau -- sweep (v.)
 Fnau(-) -- tame, domesticated (adj.)
 Fnesh-tukh -- bromine
 Fnish-tor -- smell (v.)
 Fnu-ven -- hate, hatred
 Fo -- shell
 Fo-dan -- shield (n.)
 Fo-wein -- armor, shutter
 Fokarikau -- reinforce
 Folau -- react
 Folaya -- reaction
 Folu -- turquoise (stone)
 Fon-ta-nel -- children's game similar to blindman's buff
 Fonn -- loyal
 Fonn'es -- loyalty
 Fori-kol -- Vulcan vegetable stew
 Fosh -- defense
 Fosh-lan -- First lieutenant (army/marines); Lieutenant (jg) (naval)
 Fosh-tor -- defend
 Foshek -- barrier, barricade
 Foshinahru -- ancient defensive psionic warrior
 Foshuhl -- shed (v.)
 Fu -- gender, sex
 Fudau -- regard (v.)
 Fukat -- buffer
 Fulag-tor -- lead (v.)
 Fulagsu -- leader
 Fun-tor -- return (v.)
 Fun-wun -- ancient boomerang-like weapon
 Fupa s' -- according to
 Fusik -- bashful, shy

Gad -- day
Gaf -- hip
Gahv -- amethyst
Gakh -- wart
Gal-tor -- lean, list (v.)
Galat -- lean, list (n.)
Galu -- atom
Galu-svitan -- (atomic) nucleus
Galupik -- atomic
Galutravek -- molecule
Gan -- shallow
Gas'rak -- right (direction)
Gasu -- flux (n.)
Gau -- pulse, pulsate, throb (v.)
Gav -- chalk
Gef -- coast, (sea)shore
Gehnli -- essential
Geldau -- hang (v.)
Gen-lis -- language
Gir -- root
Gis-tukh -- arsenic
Gisam -- poison
Gish -- expect
Gishen -- what one expects
Gishu -- (the) expected (n.)
Gla-tor -- see (v.)
Glan -- sight
Glantau -- observe
Glantaya -- observation
Glantokau -- signal (v.)
Glantokaya -- signal
Glashau -- scan (v.)
Glat -- sign (n.)
Glayek -- camera
Glazhau -- look (v.)
Glozho -- elixir (anc.)
Glu -- deep
Gluder -- depth
Gluvau -- show, exhibit (v.)
Gnal -- tumor
Gof -- toe
Goh -- only, merely
Gol -- high plain region, home to the Kolinahru
Gol'nev -- aid, help (n.)
Gol'nevsu -- aide, helper
Gol-tor -- aid, help (v.)
Gol-tukh -- rubidium
Gonaf -- button
Gosh -- abyss
Grashau -- abrade
Grat -- skull
Grazhau -- grind (v.)

Grazhiv -- dust, powder
 Grei -- limit (n.)
 Grut -- agate
 Gu-vam -- duty
 Gubi -- stigma
 Guf -- socket
 Guhf-, Guhfik -- boring (adj.)
 Guhl'es -- confidence
 Guhsh -- debris, garbage, refuse, trash, offal, rubbish
 Guv -- gender, sex

Ha -- yes, affirmative
 Ha'fek -- candle(stick)
 Ha'gel -- light (illumination)
 Ha'gel-tanaf -- photography
 Ha'gel-tanafsu -- photographer
 Ha'kiv -- life
 Ha'tanau -- give off light
 Ha'u -- the Living
 Ha-kel -- home
 Ha-tor -- live (v.)
 Haf -- gap
 Hafau -- remain, stay (behind)
 Hag-, Hagik -- easy
 Hahf -- adversary, foe
 Haifan -- banner, flag, pennant
 Haishau -- demand (v.)
 Hakau -- heal (v.)
 Hakausu -- healer
 Hal -- car, cart (anc.)
 Hal-masu -- gasoline, petrol, liquid fuel
 Hal-tor -- go, proceed
 Halan -- trip, trek, voyager
 Halek -- wheel
 Hali -- vehicle, conveyance
 Halitra -- fleet, flotilla
 Halovau -- travel, journey (v.)
 Halovaya -- journey, travel(s)
 Han -- nose
 Haniwah -- Vulcan seed-plant
 Hanuvau -- flicker (v.)
 Haran -- legendary "fire beast"
 Has -- disease
 Has-bosh -- sick
 Has-mar -- sickness
 Has-tal -- medicine (the medical field)
 Hasam -- toxin
 Hasau -- sicken, become ill
 Haseret -- medicine (medication)
 Hash-tor -- fly (v.)
 Hashsu -- pilot, flyer
 Hassu -- healer, doctor, physician
 Hasu -- a living person/being

Hasuk -- medical (adj.)
 Hau -- add (v.)
 Haul-kur -- silver (color)
 Haul-tor -- reflect
 Haul-tukh -- silver (metal)
 Haulan -- reflection
 Haulat -- mirror
 Haulek -- reflector
 Haurok -- a Vulcan bird
 Hayal -- calm, placid
 Hayalit -- a small Vulcan burrowing animal
 Heh -- and (after a consonant sound)
 Herbosh -- empty
 Herishek -- blender (n.)
 Hertak -- baffle (n.)
 Hesha -- fold (v.)
 Hi -- but
 Hif-bi -- to me (superior)
 Hiktra -- font (type)
 Hil-tor -- dig (v.)
 Hilek -- digger, shovel, spade
 Hinek -- bone
 Hinek-tukh -- calcium
 Hirat -- grape-like Vulcan plant
 His-tor -- strain (v.)
 Hish-tor -- print, press (down on)
 Hishel -- stress (n.)
 Hishsu -- printer (person)
 Hiya'es -- expertise
 Hiyasu -- expert (n.)
 Hiyet -- enough
 Hizhuk -- quiet (adj.)
 Ho-rah -- ritual (anc.)
 Hohl-tor -- shave (v.)
 Hoknau -- gather, accumulate (v.)
 Hokni'es -- consciousness
 Hosh-tukh -- fluorine
 Hotor-, Hotorik -- formal (adj.)
 Hu'a -- mythological demon seductress; succubus (anc.)
 Huhk -- hiccup (n.)
 Huhsh -- cough (n.)
 Huhtik -- solid (adj.)
 Hushau -- gasp (v.)
 Hutau -- shake, quake (v.)

I, I' -- now
 If -- which
 Ifis -- transport(ation)
 Ifis-tor -- transport (v.)
 Ifis-ur -- travel tube, "subway"
 Ifisek -- transporter
 Igen -- sky
 Igen-tukh -- atmosphere

Igen-va -- weather
Ihn -- dense
Ihn'es -- density
Ihsek -- fog
Ihv-tor -- pry (v.)
Ik-banu -- "the subject of discussion"
Ikap-tor -- close, shut (v.)
Ikapirak -- meditation: "closed posture"
Ikun -- cone (shape)
Il -- or, nor
Im-tukh -- argon
In-du-ka -- small, red-leaved tree found near water (anc.)
Ip-sut -- conceal, hide
Irak -- far, distant
Is -- use (n.)
Is-fam -- useless
Is-lof -- function (n.)
Is-tor -- use (v.)
Isachya -- hair
Isan -- usage
Ish-veh -- that one
Isha -- also, too
Istau -- wish (v.)
Isu-keh -- a type of bush
It -- tact
Itaren -- thank (v.)
Iyi -- immediate(ly)
Iyula -- culture
Izau -- shift (v.)
Izayek -- shifter, shift lever
Izh -- snow (n.)
Izh-sahriv -- snowstorm, blizzard
Izhau -- snow (v.)

"J" to "L"**ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU****>J< na' >L<**

K'ashiv -- often, lit. "with repetition"
 K'avon -- hungry, lit. "with hunger"
 K'fai -- through
 K'fai'ei -- through which
 K'ha -- alive
 K'ha-solektau-pthak -- taphephobia
 K'hu'kru -- babble, hubbub
 K'kla-min -- in fact, in all actuality
 K'mag -- thirsty, lit. "with thirst"
 K'oh-nar -- fear of being completely exposed in a vulnerable situation (anc.)
 K'puu -- at least
 K'shatri -- foreign (anc.)
 K'torr -- completely lacking something (anc.)
 K'wuhli -- apart, separate (from)
 Ka -- same, equal
 Ka'athaira -- "ka'athyra", a Vulcan musical instrument
 Ka'yed -- axiom
 Ka-ni-fur -- "ka-nifur", first ritual of maturity
 Kad -- bump (n.)
 Kafeh -- slave, servant
 Kafunik -- random
 Kahat -- flash (n.)
 Kahkrus -- district
 Kahkwa -- alike, similar
 Kahla -- inertia
 Kahm -- flesh, meat
 Kahm-yokulsu -- carnivore, meat-eater
 Kahr -- city, town
 Kahr-lan -- general (rank)
 Kahs-hir -- an ornamental dark stone, usually black (anc.)
 Kahs-wan -- Vulcan coming-of-age survival test (anc.)
 Kaht -- garnet
 Kai -- step, stage (in a process)
 Kai'tan -- pain and muscle control (anc.)
 Kai-ros -- children's game similar to hopscotch
 Kaiden -- stairs, staircase, steps
 Kaiidth -- "What is, is" (anc.)
 Kaisu -- sibling
 Kak -- jar (n.)
 Kakhartau -- guide (v.)
 Kal-toh -- Vulcan logic puzzle (anc.)
 Kal-tor -- allow, let
 Kala -- thorny plant often used for hedges
 Kali-tor -- challenge (v.)
 Kaluk -- ear
 Kam -- roof
 Kam-nat -- treason (obs.)
 Kan -- child

Kan-sorn -- a very deep, self-induced, defensive trance (anc.)
Kan-tor -- boil (v.)
Kanok -- every
Kanok-veh -- everyone, everybody
Kanok-wilat -- everywhere
Kap -- bread
Kapol -- filter (n.)
Kapol-nafek -- kidney
Kapralau -- fluctuate
Kar -- arm
Kar-an-zhi -- "ka-ranji", a tall cactus-like Vulcan plant (anc.)
Kar-nef -- elbow
Kar-nik -- wrist
Karf -- fragment (n.)
Karik -- strong
Karil -- "Kareel", Winter (season)
Kas'el -- lazy
Kas-elakh -- vine, tendril
Kasa -- a blue-green Vulcan fruit
Kash-naf -- mind-link, mind-meld
Kash-ral -- sense (n.)
Kash-tok -- intelligent
Kash-tor -- sense (v.)
Kashan -- sensation
Kashek -- (the) mind
Kashkau -- mind(s) (eg. in melding, etc.)
Kashovau -- sensitize
Kastik -- plant (n.)
Kastik-goh-yokulsu -- vegetarian
Kastik-sokasitausu -- plant cultivator
Kastik-yokulsu -- herbivore
Kastorau -- encourage
Kastorilau -- stimulate
Kasu -- host
Katak -- placebo
Katau -- bring
Katelau -- mate (v.)
Kath-vuk -- syndrome (anc.)
Katra -- soul, spirit, essence
Katravek -- association
Katrom -- current (elect. & water)
Kau -- wisdom
Kau-bosh -- wise
Kau-tor -- grow or become wise
Kauk -- even (adj.)
Kaul-tukh -- vanadium
Kaunshau -- to unite
Kaunshaya -- unity
Kaunshuk -- united
Ke-ta-yatar -- ancient fighting style designed to kill
Ke-tarya -- an ancient fighting style
Kebi -- unit
Kebitra -- facility

Keimen -- ferocious
Kel -- building, structure
Kelek -- house, dwelling
Ken-tor -- understand
Kenel -- extinct horse-like animal
Kenelsu -- a kenel-rider, the knight in chess
Kep -- gong (n.)
Kes -- arc
Kesek -- arch
Kesazh -- navel, umbilicus, belly button
Keshtan -- birth
Kesik -- likely
Ket'es -- integrity
Kethelvau -- describe
Kethtra -- lore (n.)
Ketilau -- integrate
Kevas -- medicinal Vulcan herb
Kevetsu -- ambassador
Kh'reitekh -- region in the northern hemisphere of Vulcan
Kha'wal -- joke (n.)
Khaf -- blood
Khaf-kur -- a green color (literally "blood green")
Khaf-spol -- heart
Khaf-tukh -- copper
Khar(-), Kharik -- direct (adj.)
Khara -- Vulcan desert bush with edible pulp
Kharat -- direction
Khart-lan -- captain (naval/Starfleet)
Khartau -- command, direct, manage
Khau -- rule (v.)
Khav-kur -- brown
Kheh -- a type of grain
Khin -- fame
Khinik -- famous
Khluhkau -- choke (v.)
Khlup -- gel, jelly
Khoken -- entrance
Khom -- front
Khrasau -- discharge (v.)
Khrash -- violence
Khrashik -- violent
Khru -- evening
Khru-yem -- supper
Khu'rak -- south
Khush -- crystal
Ki' -- have, has (participial)
Ki'haf -- basket (anc.)
Ki-fah -- lethal self-defense (anc.)
Kid -- feather, plume
Kihsh-kur -- lilac, mauve
Kiht -- code (n.)
Kik -- hook
Kil -- spark (n.)

Kil-tor -- spark (v.)
Kil-tukh -- flint
Kilko(-srashiv) -- answer (n.)
Kilko-tor -- answer (v.)
Kim-shah -- final, last
Kin-kur -- yellow, golden
Kin-tukh -- gold (n.)
Kinuf -- date
Kipof -- battery, accumulator
Kis-ka -- jealous
Kisev -- document
Kisheya -- accident
Kisu -- member
Kitak -- pen (writing)
Kitau -- write
Kitausu -- author, scribe, writer
Kitek -- dirt, silt
Kitok-wilat -- elsewhere
Kitork -- dirty
Kla-hil-tor -- research (v.)
Kla-hilsu -- researcher
Kla-min -- fact
Klai -- factor
Klashau -- guard (v.)
Klau -- harm (v.)
Klaya -- harm (n.)
Klehp -- fjord
Klepovau -- shop (v.)
Kli -- dart (n.)
Klimtau -- melt (v.)
Kling -- not one, no-one, nobody
Kliton -- arrow
Klomak -- fortress (anc.)
Klon(-) -- smart
Klopau -- describe
Klosha -- behave
Kloshai -- behavior
Klotau -- block (v.)
Klotaya -- blockage
Kluchi -- object (v.)
Kluf -- boot (n.)
Ko -- female
Ko-fu -- daughter
Ko-ka-ashausu -- lesbian (n.)
Ko-kai -- sister
Ko-kan -- girl
Ko-mekh -- mother
Ko-te'kru -- queen
Ko-telsu -- wife
Kobat -- weak
Kobsu -- dwarf (n.)
Kodonuhk -- expensive
Kohl -- emotion-purging mind-exercise

Kohl-tor -- meditate (Vulcan-style)
Kohv-tukh -- quartz
Kol -- stew (n.)
Kol-uchang -- the principle of IDIC (anc.)
Kolaya -- shock (medical)
Kolchak -- flute, piccolo, fife
Kolinahr -- highest adult state of discipline
Komak -- genus
Komihn -- human (adj.)
Konahr -- the feeling of being exposed
Korsau -- save, preserve, conserve
Korseiven -- save (by means of)
Korsovau -- to be saved spiritually
Koshvar -- disaster
Koshtri -- race, species
Kov -- rock, stone (as an individual thing)
Kov-skrimsu -- stonemason
Kov-tor -- stone, throw rocks at
Kov-tukh -- rock, stone (as a material)
Kovau -- fossilize, become stone, petrify
Kra-tukh -- antimony
Krahkra -- "It is nothing" (anc.)
Krahl -- pressure point
Kraisek -- cage (n.)
Krani -- window
Kras -- a Vulcan plant
Kras-tor -- paint (v.)
Krassu -- painter
Krau -- vent (n.)
Kravau -- cheat (v.)
Kreila -- kreyla (a flat bread-like food)
Krein -- canopy (aero.)
Krenath -- "shamed one"; half-breed, illegitimate child
Kresik -- aggressive
Kril'es -- harmony
Krish -- bronze (n.)
Kritashsu -- cyborg
Krizhiv -- clay
Kroikah -- "Kroykah"; "Be still", "Stop" (anc.)
Krol-tor -- praise (v.)
Kronosh -- Klingon home world
Kropaya -- fantasy
Kru -- supervisor
Kru'minaakh -- appoint (anc.)
Krup -- boundary
Krus -- part, piece, segment, section
Krusek -- fraction (math.)
Ktorr -- cut off, sever (anc., obs.)
Ktorr skann -- the formal cutting of family ties (anc.)
Ku -- palm (hand)
Ku-li -- valley
Ku-san -- chair
Ku-tor -- sit (v.)

Kudau -- bless
 Kugau -- commit
 Kuhku -- pus
 Kuhlau -- compete
 Kuhlaya -- competition
 Kuhr -- latch (n.)
 Kuhsh-tor -- beat (v.)
 Kuht -- herd (n.)
 Kukev -- benzene
 Kulan -- helix, spiral
 Kulauf -- exception
 Kum-tor -- catch (v.)
 Kun-ut -- bond-mate, spouse
 Kun-ut kali-fi -- ritual "marriage challenge"
 Kun-ut so'lik -- ritual "marriage proposal"
 Kunel -- hill, butte
 Kunli -- happy
 Kup -- able, can
 Kur -- color
 Kur-tor -- color, dye (v.)
 Kur-tukh -- dye (n.)
 Kurau -- stain (v.)
 Kuraya -- stain (n.)
 Kurek -- pigment(ation)
 Kuriht -- rash (n.)
 Kurtra -- spectrum
 Kus-tor -- ring (v.)
 Kus-vakh -- bell
 Kushel -- bird, fowl
 Kushizhau -- mold (v.)
 Kusilau -- resonate
 Kusut -- pain (n.)
 Kutra -- bank
 Kuv -- if
 Kuvish -- bearing (mech.)
 Kwai -- wild, untamed, undomesticated
 Kwal se tu -- "Is that really you?" (ancient traditional greeting)
 Kwal-tor -- frown (v.)
 Kwes -- afraid
 Kwi' -- from a distance
 Kwi'shoret -- call (to)/beckon from far away
 Kwitau -- push (v.)
 Kwohk'a -- mythological guardian spirit
 Kwon-sum -- always
 Kwul -- hit, strike (n.)
 Kwul-razh -- crater (impact)
 Kwul-tor -- hit, strike (v.)

L'Langon -- a Vulcan mountain range
 L'Langon-tukh -- krypton
 La, La' -- here
 La'ash -- axe
 La'ka-yehat -- available

La'yi -- a type of rug (anc.)
Lad -- sole (foot)
Laf-tor -- err, make a mistake
Laf-tukh -- chlorine
Lafosh -- error, mistake
Lafot -- defect, flaw
Lag -- gum
Lahv -- tongue
Lairet -- lyrette, type of harp
Laiteret -- lytherette, type of harp
Lakh -- language (obs.)
Lam-tor -- stand (v.)
Lamekh -- warm
Lan -- rank
Lan-tol -- floor; bed (geol.)
Lanet -- bottom (n.)
Lanka-gar -- a nocturnal predatory bird (anc.)
Lap -- tree
Lap-gel -- branch
Lap-tukh -- timber
Lapan -- wood
Lapan-skrimsu -- woodcarver
Lara -- a Vulcan desert bird
Lasha -- arrive
Lashan -- arrival
Lashark -- a poetic name for sunrise; lit. "he who arrives" (anc.)
Lates -- walk (n.)
Lau -- may, might
Lautuv -- stubborn
Le-matya -- large, venomous desert predator
Le-su -- frost (anc.)
Le-suma -- ice (anc.)
Lef'es -- texture
Leh-dah-tukh -- Seaborgium
Leh-kau-tukh -- Meitnerium
Leh-keh-tukh -- Hassium
Leh-reh-tukh -- Bohrium
Leh-tukh -- Rutherfordium
Leh-wuh-tukh -- Dubnium
Lehk -- post (n.)
Lehm-tor -- throw, toss, heave
Leipau -- bake
Leipausu -- baker
Leitri -- toy (n.)
Lek-tukh -- niobium
Ler-tukh -- tungsten
Lerakh (adj.) -- compressed, compacted
Lerash -- hard
Les -- target (n.)
Leseq -- joint (anatomy)
Lesh -- bear, carry
Li-fal -- example, sample
Li-wun -- lance (n.)

Limein -- mask (n.)
Limuk -- face
Linisau -- examine
Linsu -- cynic
Lipau -- knife
Lipitah -- dagger
Lirpa -- ancient ceremonial weapon
Lo'uk -- great
Lof -- reason, purpose
Lof-torvauk -- constructive purpose
Lok -- penis, phallus
Los'rak -- left (direction)
Loshirak -- meditation: "open posture"
Lu -- when
Lufik -- oblique
Luk -- fungus
Lushun -- torpedo
Luvau -- to yawn

"M" to "R"**ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU****>M< na' >R<**

Ma -- have, own, possess
 Ma-vel -- possession (thing)
 Maat -- clan
 Mad -- bracket (n.)
 Maf-tor -- cry (v.)
 Mag -- thirst (n.)
 Magol -- flagon (anc.)
 Magu -- reel, spindle
 Mah-tor -- hammer (v.)
 Mah-vel -- hammer (n.)
 Mahai -- seizure, convulsion
 Mahal-tor -- swim (v.)
 Mahr-kel -- shop, store, market
 Mahr-tor -- buy, purchase (v.)
 Mair-, Mairik -- extreme
 Mak -- joy
 Makau -- spell (v.)
 Makh -- glass
 Makh-salursu -- glass-blower
 Makh-zhukusu -- glass-maker
 Mal -- leg
 Mal-nef -- knee
 Mal-nik -- ankle
 Malanu -- pants, trousers
 Malat -- nature
 Mamuk -- aid (v.)
 Man-elakh -- rope
 Man-tor -- climb (v.)
 Map -- fen
 Marau -- drift (v.)
 Markau -- float (v.)
 Marom(-) -- excellent
 Marshak -- raft (n.)
 Mashau -- water (v.), irrigate
 Mashek -- bottle, flask, canteen, amphora, ampule
 Mashen -- tide
 Mashuk -- bucket
 Mashulek -- fountain
 Mashya -- a Vulcan tuberous vegetable
 Mastevau -- drown
 Masu -- water, fluid, liquid
 Masu'er -- navy
 Masu'es -- wetness, moisture
 Masu-hali -- boat
 Masu-nakh -- moisture index
 Masu-razh -- well (n.)
 Masu-tukh -- hydrogen

Masu-ur -- aqueduct
Masu-yut -- waterway, canal
Masuk' -- enormous, gigantic, gargantuan, huge, mammoth, massive
Masumok-tukh -- mercury
Masupik -- wet, damp, moist
Masutra -- sea, ocean
Mat -- possession, ownership
Math -- plate
Mathra -- disc, disk
Mau -- much
Mau-tan -- excess, plethora, overabundance, glut
Maut -- very
Mauiyik -- excessive
Mavau -- play (v.)
Maz -- grain (of sand, etc.)
Mazhiv -- sand(s)
Mazhiv-tukh -- silicon
Mazhu -- silica
Mehk-tath -- an integral part (anc.)
Mehtal-tor -- pass, go past
Meil -- chemical (n.)
Meilak -- element
Mekh -- parent (n.)
Mekhu -- parents (a mother and a father)
Men-hil-tor -- investigate
Men-hilsu -- investigator
Menal -- cliff
Mes' -- across
Mes-tor -- cross (over), go across
Mesah -- catwalk
Mesh -- shame (n.)
Mesakh -- beyond
Meskarau -- hold (v.)
Messau -- approve
Mesukh-tor -- translate
Mesut -- bridge (n.)
Mesya -- a children's game similar to "tag"
Mesyel -- overhang (n.)
Mesyutik -- opposite (adj.)
Mev -- pipe, tube, duct
Mik -- dial (n.)
Mik-yal -- gauge (n.)
Min-tor -- glow (v.)
Min-tukh -- neon
Mish-tal -- engineering
Mish-vel -- machine
Mishek -- engineer
Mog'es -- volume (math., physics)
Mohrn -- class (n.)
Mokev -- metal
Mokh -- aim (n.)
Mokh-tor -- aim (v.)
Mokuv -- ring

Mol-kur -- magenta
 Molu -- tone (sound)
 Mon-tor -- drink (v.)
 Mor -- leaf (n.)
 Morov -- combat (anc.)
 Mos -- soft
 Mu'gel -- dark
 Mu'yor -- night
 Mu'yor-yem -- supper, lit. "night meal"
 Muhd -- club (n.)
 Muhl -- healthy, well
 Muhl'es -- health, wellness
 Muhs -- vapor
 Mukau -- pour (v.)
 Mun -- sauce
 Mutau -- divert
 Mutaya -- diversion
 Muzh -- pond, waterhole

Na -- pole (physics)
 Na'gal -- polaron
 Na'shaya -- greeting
 Na'shikh -- advice, council
 Naf -- link (n.)
 Nafai-tor -- acknowledge
 Nafek -- organ (anat.)
 Nafu'es -- personality
 Nafuhlau -- frustrate
 Nagau -- face, confront
 Naglashau -- recognize
 Nah-tor -- think
 Nahp -- thought(s)
 Nahr -- discipline
 Nak -- cheek
 Nakarat -- endeavor (n.)
 Nakh -- index
 Nakihtilau -- modulate
 Nakihtilayek -- modulator
 Nal-tor -- chew (v.)
 Nala -- cell (biology)
 Nala-svitan -- (cell) nucleus
 Nalatra -- tissue (med., biol.)
 Naliveh -- alcohol
 Nam -- existence
 Nam-tor -- exist, be
 Namishau -- adjust
 Nan-tor -- threaten
 Nantau -- stare (v.)
 Nar-tor -- accept
 Narak -- pole (physics, geog.)
 Narak'es -- polarity
 Narat do-toh -- child's game: hide & seek
 Nartau -- embrace (v.)

Nas(-) -- sharp
Nash-gad -- today
Nashinahru -- ancient offensive psionic warrior
Nashiv-tor -- attack (v.)
Natel -- module
Nati -- differ
Natuhn -- box
Natya -- different
Nau -- moan (v.)
Nauf -- epoch
Nauk -- sprain (n.)
Naul -- feud (n.)
Navau -- succeed
Navun -- success
Nayik -- avid, eager
Nazh-kap -- gain (n.)
Nazh-tor -- gain (v.)
Ne, Ne' -- below, under
Ne'hish -- pressure
Ne'le -- down(ward)
Ne'rak -- underneath, beneath
Ne-lan -- cadet, trainee
Ne-mal -- shin
Ne-seshan -- gravity
Ne-shal -- basement
Ne-tor -- lower (v.), drop (as in temperature)
Ned -- dough
Nef -- shelf, terrace
Nehau -- decay, rot (v.)
Nehg -- belly (n.)
Nei -- seed (n.)
Neik -- low
Neis-tor -- deplete, use up
Nek -- squad, patrol, scouting party (military)
Nekwitaya -- force (n.)
Nel-dath -- pattern
Nelau -- diminish, suppress, decrease
Nelka -- pedestal, display stand
Nem-tor -- take (v.)
Nemashau -- dehydrate
Nemashaya -- dehydration
Nemut -- enemy
Nen -- base, foot, foundation
Nenem-tor -- deduct
Nenikau -- support (v.)
Nentu -- frame (n.)
Ner-, Nerik -- dependent
Nerau -- depend
Nerek -- dependable
Nes -- drop (n., in temperature, etc.)
Nesh-kur -- black
Nesh-tor -- cut (v.)
Nesh-tukh -- iodine

Neshau -- collapse (v.)
Neshuhk -- parasite
Net -- scab (n.)
Netikidau -- reduce
Nev-kur -- maroon (color)
Nevasa -- a name for the Vulcan system's sun
Nezhak -- chaos
Ni -- so, such a
Ni-prazh -- stoic, displaying no emotion(s)
Nik'el -- convoy, caravan
Nikh -- eye (obs.)
Nis-tor -- test (v.)
Nisan -- test (n.)
Nisau -- probe, test thoroughly, examine in detail, analyze
Nodolaya -- fixation (chem.)
Nohv -- meld (n.)
Nok -- concrete (material)
Nol-tukh -- carbon
Nom -- the philosophical concept of "all" (anc.)
Nop -- card (n.)
Norn-la-hal -- status change from child to adult (anc.)
Nosahp -- amount
Nosh -- state, condition
Noshau -- stand (v., as, for, etc.)
Noshtra -- trait, characteristic
Nu'ri -- young
Nuf -- case, event
Nufau -- offer (v.)
Nuh' -- too (adv.)
Nuhk -- courteous
Nuhk'es -- courtesy
Nuhs -- era
Nuk -- mode
Numo -- extremely small, microscopic
Numo-zan-vel -- microscope
Nunau -- fit (v.)
Nup -- fractal
Nus -- parameter
Nuv-tor -- flutter (v.)

Odva -- faith
Oekon -- God, the Supreme Being
Ofereiksu -- the Creator (ie, God)
Og -- stitch (n.)
Og-elakh -- thread
Og-lum -- needle
Og-tor -- sew, stitch (v.)
Ogsu -- seamster, seamstress
Ok -- cam
Ok-fek -- camshaft
Olau -- feel (v.)
Olozhika -- logic
Oluhk -- snake

On -- both
 Opilsu -- chef
 Oren-tor -- learn
 Orenau -- study (v.)
 Orensu -- student, pupil
 Orfik-kel -- ancestors, forebearers, progenitors
 Ork -- boom (n.)
 Orn-tukh -- nickel
 Orniaga -- irritated (anc.)
 Os -- old, aged
 Oshu'a -- mythological volcano spirit
 Osu -- sir
 Ot-lan -- captain (army/marines); lieutenant (naval/Starfleet)
 Ovsot -- complete, total
 Ovulau -- bow (v.)
 Oyut -- custom
 Ozh -- finger
 Ozh-dukak -- fist (lit. "finger-ball")

Pa, Pa' -- around
 Pa'ash -- flat
 Pa'shau -- clear (v.)
 Pa-tukh -- gas (oxygen, etc.)
 Pada-tor -- spin, rotate quickly, turn fast
 Padukau -- roll (v.)
 Pafam -- deficient
 Pagun -- duel (anc.)
 Pahth -- panic (n.)
 Pahutau -- agitate
 Paikau -- fluster (v.)
 Pak -- loss
 Pak-tor -- lose
 Pakh -- stroke (n.); Vulcan "hyphen"
 Pakhaik -- regular
 Pakhartau -- regulate
 Pakik -- lost
 Pakuv -- coil, loop
 Pal -- age, era
 Palesh-tor -- endure
 Palikau -- begin, commence, start
 Palutunau -- care for, tend, watch over
 Pamashok -- dike (n.)
 Pamutau -- bypass (v.)
 Panaz -- fume
 Panu -- world
 Pas-, Pasik -- dull, blunt (adj.)
 Pash-tor -- trap (v.)
 Pashov -- dolmen (anc.)
 Pasu -- table
 Pasutau -- camouflage, disguise (v.)
 Patal-tor -- detect
 Patam -- head
 Patorau -- process (v.)

Patra -- pool (gene, vehicle, etc.)
 Patuhl-tor -- encase
 Pau -- corona, halo
 Pauk -- round
 Pavek -- event
 Pavesh-tor -- happen, occur
 Pehkau -- stop (v.)
 Pekh -- feces
 Pelakh -- filament
 Pelal -- robe
 Pen-, Penik -- short
 Pen-tor -- shorten, curtail
 Per-ithop -- actor, actress (anc.)
 Per-tor -- act (v.)
 Pes-, Pesik -- firm (adj.)
 Pev -- mat (anc.)
 Pi' -- small, little
 Pi'gal -- particle
 Pi'kahr -- village, hamlet, settlement
 Pi'lek -- small, little (rare adj., mostly obs.)
 Pi'maat -- family
 Pi'math -- saucer
 Pi'nafek -- gland (anat.)
 Pi'sukhlop -- figurine, statuette
 Pi'tenkan -- embryo (MGV)
 Pid -- high
 Pidek -- height
 Pidesh -- exert (anc.)
 Pidvalu -- hyperbola
 Pihl -- quark
 Pihlora -- "pyllora", counselor, guide (anc.)
 Pil-tor -- prepare food (for eating)
 Pilash -- river
 Pilsu -- food preparer, "cook"
 Pim-tukh -- lithium
 Pinkau -- earn
 Pishek -- steel
 Pitoh -- note (n.)
 Piyah -- ripe
 Pla'dor -- back (n.)
 Pla'rak -- backward(s)
 Pla-kur -- blue
 Pla-tor -- back up (v.)
 Pla-tukh -- cobalt
 Plak-tau -- "plak tow", Vulcan "blood fever"
 Plat -- spine
 Plathau -- consummate (v.)
 Plesh-tor -- crush (v.)
 Plokh -- delusion
 Plomik -- "plomeek", a Vulcan vegetable
 Plomik-shur -- plomeek soup
 Pluhk -- vomit (n.)
 Po -- why

Pusaganau -- be dispersed
Pushau -- be broken
Puskau-tor -- be digested
Puspusau -- be launched
Pustau -- be killed
Pusvik-tor -- be betrayed
Putan-tor -- be given
Putanovau -- be equipped
Putash-tor -- be controlled
Putaurau -- be amazed
Puterish-tor -- be combined
Putesha -- be awed
Puthakau -- be focused
Puthrap-tor -- be offended
Putrefei -- be martyred
Putumau -- be programmed
Putus-tor -- be loaded
Puv -- swelling
Puv-tor -- swell (v.)
Puvinem-tor -- be assimilated
Puyem-tor -- be fed
Puzehl-tor -- be aligned
Puzhu-tor -- be heard

Ra -- what
Raal -- a region on Vulcan
Rada-tor -- spin (a web, yarn, etc.)
Radet -- bushing (mech.)
Raf -- electric
Raf-elakh -- (electrical) wire
Raf-tepul -- electricity
Ragel-tor -- meet (v.)
Ragelan -- meeting
Ragtau -- introduce
Ragtaya -- introduction
Rahm -- thunder
Rai -- no (negation)
Rak -- position (n.)
Rak-tukh -- boron
Rakusau -- sting (v.)
Ral -- loud
Ral'es -- volume, loudness
Rala -- wing
Ralash -- noise, sound
Ralash-bosh -- noisy
Ralash-fam -- silent
Ralash-tal -- audiology
Ralash-tanaf -- music
Ralash-tanafsu -- musician
Ranau -- train (v.)
Ras -- heavy
Ras-tukh -- lead (metal)
Rau-nol -- refuge, shelter

Rau-tor -- shelter (v.), provide refuge
Raul -- tool
Ravot -- insect, bug
Razh -- hole, pit
Razhil-tor -- excavate
Rehek -- trio
Rekun -- pyramid (shape)
Reldai -- female religious leader, ruler or princess (anc.)
Relen -- a plant made into a tea
Relk -- cupola
Reshan -- anger, rage
Reshnek -- angry, enraged
Ret -- space (room)
Ri -- not
Ri-fainu -- the Unknown
Ri-gishu -- the Unexpected
Rihamau -- check, verify
Rihansu -- a Romulan
Rihk -- edge (n.)
Rilik -- intermittent
Rim -- none
Ripakhaik -- irregular
Ris -- zero
Rish-tor -- survive
Rishan -- survival
Rislau -- contaminate
Ritsuri -- rare, unusual, abnormal
Rivak -- course
Ro'fori -- information (anc.)
Ro-kas -- vaccine
Ro-kasau -- vaccinate
Ro-kasaya -- vaccination
Rok -- hope (n.)
Rom -- good
Ru'lut -- mouth
Ru'lut-masu -- saliva
Rubah -- change
Rubanau -- change (v.)
Rubitau -- alter, modify
Rufai -- benefit (n.)
Ruhm -- even (not the adj.)
Rukau -- bounce (v.)
Ruken -- exit (n.)
Run -- dream (n.)
Runem-tor -- grab (v.)
Runev -- spasm (n.)
Ruskarau -- grasp (v.)
Ruskarayek -- forceps
Ryill -- a Vulcan musical instrument

"S" to "Z"**ZHIT-FEIM GOL-VUHLKANSU - TERAYA-EINGELSU****>S< na' >Z<**

S'harien -- ancient Vulcan combat sword, lit. "Pierceblood"
 S'udish -- outside, external
 Sa -- male
 Sa'adek -- elevator, lift
 Sa'akh -- debt
 Sa'awek -- alone
 Sa-fu -- son
 Sa-ka-ashausu -- male homosexual (n.)
 Sa-kai -- brother
 Sa-kan -- boy
 Sa-mekh -- father
 Sa-te'kru -- king
 Sa-telsu -- husband
 Sadalau -- release (v.)
 Sadahshaya t'Lokan -- Lokan's Schism (often inaccurately called "T'Lokan Schism")
 Sagan-tor -- distribute
 Saganau -- disperse
 Sagau -- pulse, burst out (v., physics, etc.)
 Saguhsh -- exhaust (n.)
 Sahr-tor -- run (v.)
 Sahrafel -- trust (v.)
 Sahris -- fast
 Sahriv -- storm
 Sai-fam -- naked, nude
 Sai-tukh -- cloth
 Sailau -- accompany
 Saizhiv -- lint
 Sak-tor -- spread (v.)
 Sak-tukh -- scandium
 Sakal -- testis
 Sakat -- mail (n.)
 Sakathilau -- discriminate (v.)
 Sakelekau -- evict
 Saklukhau -- deteriorate
 Sakurau -- decolorize
 Sakwitau -- deflect
 Salan -- wind
 Salasu -- native (n.)
 Salatik -- native (adj.)
 Salur -- blow (v.)
 Samek -- cold
 Samev -- flue
 San -- waist
 San-zhel -- belt
 Sanesh-tor -- amputate
 Sanoi -- please (v., anc.)
 Sanosh -- pleasure (anc.)
 Sar-tak -- bed

Sar-tak-pthak -- clinophobia
 Saran-tukh -- technicium
 Sark -- beetle
 Sarlah -- come
 Sas-a-shar -- a Vulcan desert
 Sas-tor -- diffuse (v.)
 Sasak -- diffusion
 Sasarlah -- come out, emerge
 Sasau -- trasmit
 Sasaya -- transmission
 Sasayek -- trasmitter
 Saseshau -- pull out, withdraw, extract, evulse
 Sash -- acid (compound)
 Sash-masu -- acid (liquid)
 Sashavau -- expose (v.)
 Sashidau -- deform
 Sashik -- acidic
 Sasnem-tor -- excrete
 Sasovau -- deflate
 Sastoraya -- breakthrough (n.)
 Satalau -- determine
 Satau -- send
 Satekhau -- sprout up
 Satersau -- disconnect
 Satorvu -- product
 Sau -- emit
 Saudau -- appear
 Saul-tor -- shout, yell (v.)
 Sav'el -- shirt
 Savas -- fruit
 Savau -- diverge
 Savilau -- deodorize
 Savlau -- evade
 Saweinau -- molt, shed one's skin, etc.
 Sayonotau -- extinguish
 Sayumak -- spring (water source)
 Sazehlik -- perpendicular (adj.)
 Sazh -- vegetable
 Sef -- dune
 Seheik -- "declared ones"; pilgrims
 Sehat -- bear-like animal (often domesticated as a pet)
 Sehtebuhk -- symbol
 Sek -- outlet
 Sele-an-t'li -- secondary level of adult discipline (anc.)
 Seleya -- a mountain; site of a major ceremonial center
 Selk -- delta (geol.)
 Sem-rik -- fascinating
 Senau -- get up, arise
 Senepa -- a weapon with poisoned tips (anc.)
 Sep-wafikh -- agree
 Seshan -- pull (n.)
 Seshau -- pull (v.)
 Seshupik -- magnetic (adj.)

Set'ki -- interesting
 Set-tor -- drop (v.)
 Sfek -- point (n.)
 Sfith -- bitter
 Sfith-masu -- vinegar
 Sha' -- one's own, personal
 Sha'koshtri -- one's own race or species
 Sha'ti -- cubbyhole, niche, nook, recess
 Sha-ka-ri -- mythical source of creation (anc.)
 Shad -- brain
 Shaf -- cyst
 Shaka -- fiend
 Shan-tor -- transfer (v.)
 Shaht -- end (n.)
 Shai -- self
 Shaik -- odd (not even)
 Shal -- area, region, zone
 Shal-lan -- colonel
 Shanai'Kahr -- a Vulcan city
 Shar -- security (police)
 Shar'es -- security (condition)
 Shar-tor -- secure (v.)
 Sharu -- opening
 Sharush -- open up, split open
 Sharushan -- surgery
 Shasol -- land, country, nation
 Shau -- break (v.)
 Shaukaush -- passion(s)
 Shaula -- self-control, reason(ing)
 Shavokh -- large Vulcan vulture-like bird
 Shaya -- break
 She'rak -- east
 She-tor -- ascend, rise
 Shei -- scream (v.)
 Shek-tukh -- iron (metal)
 Shel-tukh -- manganese
 Shen -- ascent
 Shetau -- become
 Shi -- place, site, location
 Shi'dan-abru -- zenith
 Shi'dunap -- library, lit. "place of the book"
 Shi'has -- hospital
 Shi'Kahr -- a Vulcan city
 Shi'kov -- non-volcanic mountain
 Shi'kwai -- wilderness
 Shi'masu -- oasis, "place of water"
 Shi'oren -- school, academy
 Shi'Oren t'Ek'tallar T'Khasi -- Vulcan Academy of Sciences (Vulcan Science Academy)
 Shi'sochya -- Vulcan-type park, "place of peace"
 Shi'vukhut -- grave
 Shi'wun -- armory
 Shi'yar -- Earth-type park, "place of grass"
 Shi'yavekh -- address

Shi'yem -- dining room, "place of the meal"
Shi'yon -- volcano, "place of fire"
Shi'yuk -- bedroom, "place of sleep"
Shid -- form, shape (n.)
Shidau -- form, shape (v.)
Shif -- pair
Shihvek -- wedge (n.)
Shikh-orna -- council
Shila -- community
Shila'es -- society
Shilaik -- social (adj.)
Shisau -- hiss (v.)
Shitau -- (put into) place, locate something somewhere
Shivak -- mass (n.)
Shivau -- paralyze
Shiyau -- be located
Shok -- kiss (n.)
Shok-tor -- kiss (v.)
Shom-tor -- to rest
Shon-ha-lohk -- engulfment; feeling of being "head over heels" (anc.)
Shonau -- engulf
Shoret -- call (out) to
Shrau -- fray (v.)
Shu-pal -- source
Shu-tukh -- uranium
Shuhk -- slime
Shul -- position (n.)
Shur -- soup
Si-, Sik -- outer (adj.)
Sikar -- Spring (season)
Sis-tor -- squander
Siselau -- ferment (v.)
Siyah -- almost
Ska'gal -- neutrino
Skaf -- dais, platform, stage
Skahal-tor -- get off of, disembark, etc.
Skahan -- curtain (n.)
Skamau -- attract
Skan -- proof
Skan-tor -- prove
Skann -- all of one's blood relatives (anc.)
Skasau -- treat (v., med.)
Skau-tor -- digest (v.)
Skehl -- groove (n.)
Skek -- wound
Skichra -- epilepsy (anc.)
Skil -- win, victory
Skilsu -- winner, victor
Skish-tor -- slide, slip (v.)
Skladan -- message
Skadasu -- messenger
Skonn -- surface
Skrashau -- erode

Skrim -- carving
 Skrim-tor -- carve
 Skrimmek -- lathe
 Skrol -- errand, mission
 Sku -- sill
 Skunap -- diploma
 Slah -- fiber
 Slakh -- nausea
 Slau-tor -- plate, chrome (v.)
 Slau-tukh -- chromium
 Slokh -- starch (n.)
 Slor -- sweet
 Slor-tukh -- sugar (n.)
 Sluk(-) -- fresh (adj.)
 Smashau -- drain (v.)
 Smertau -- harass, bug, pester, vex
 Smol -- alga
 Smusma -- prosper
 Smusma'es -- prosperity
 Sna-lok -- mosaic
 Sna-lok-zhuksu -- mosaic-worker
 Snagel-tor -- encounter (v.)
 Snaipau -- crumble (v.)
 Snauk -- fork (n.)
 Snazh(-tukh) -- plasma (physics)
 Snem-tor -- remove
 Snertau -- interfere
 Snesh-tor -- cut out, excise
 Snet -- fulcrum
 Snishau -- erase (v.)
 Snuhglau -- gargle (v.)
 So-resh -- madness
 Sochya -- peace
 Sohk'es -- elegance
 Solai -- field (cultivated)
 Solek -- soil
 Solektra -- ground, land
 Solektra-besan -- map, chart
 Solektra-hutaya -- earthquake
 Son-ha-lohk -- romantic love (anc.)
 Sos'eh -- maybe, perhaps, possibly
 Sov -- air
 Sov-masu -- rain
 Sov-masu'es -- humidity
 Sov-pidek -- altitude
 Sov-tukh -- nitrogen
 Sovash -- alkali, base
 Sovek -- fan (cooling)
 Spa'ash -- disgust
 Spa-tor -- conduct (v.)
 Spa-yorna -- "Spyorna", Vulcan High Council
 Spahk -- claw, talon
 Spathel -- canyon

Spen-tor -- jump, leap (v.)
Spes -- voice
Spes-fam -- mute
Spis-tor -- dip (v.)
Spitau -- bore, drill (v.)
Spo-kur -- dark blue
Spoh-tor -- fade (out), become pale
Spoh-tukh -- potassium
Spol -- pump (n.)
Spolek -- experiment (n.)
Sporiben -- exclaim (v.)
Sposh-tor -- erupt
Sprah -- indeed
Spunau -- outweigh
Spunek -- valve
Spusau -- launch (v.)
Srashiv -- achievement
Sri'Kahr -- a Vulcan city
Stal-tukh -- cadmium
Stan-tor -- exude, ooze (v.)
Star-krus -- statement
Stariben -- speak (a language)
Starun -- speech
Stau -- kill (v.)
Steheht -- type of old Vulcan poetry
Stek -- clamp (n.)
Stivan -- phenomenon
Stonn -- animal horn, antler
Storau -- develop
Stron -- escape (n.)
Stukh -- (outer) space
Stukhtra -- universe
Su'us -- number
Su-lak -- third party (person)
Sudef -- womb, uterus
Sudef t'Yon -- "The Womb of Fire"
Suk -- big, large
Sukhlop -- statue
Sunil -- pan (n., anc.)
Sura'Kahr -- a Vulcan city
Sut -- ache (n.)
Sutorik -- artificial
Sutra -- crew, staff, faculty
Svai -- flower (n.)
Svai-zehlausu -- floral arranger
Svai-zhukusu -- florist
Svail -- fragrance
Sval -- lesion
Svekh -- cartridge
Svep -- door
Svi' -- between, among, inside of
Svi'udish -- inside, internal
Svi-shau -- interrupt

Svi-tor -- enter
 Svi-wak -- interval
 Svik-tor -- betray
 Svitan -- center, middle, core
 Svizh-tor -- pause (v.)
 Swana -- a rare and precious item

T'an -- rod used in kal-toh puzzle (anc.)
 T'dahsu -- twin
 T'forti -- finally
 T'hai'la -- "t'hy'la", brother, friend, pal, lover
 T'kausu -- quintuplet
 T'kehsu -- quadruplet
 T'Khasi -- the native name for the Vulcan homeworld
 T'Khut -- a name for the twin world of T'Khasi
 T'Lai-tukh -- zirconium
 T'Lokan -- see "Sadahshaya t'Lokan"
 T'rehsu -- triplet
 T'Rukh -- a name for the twin world of T'Khasi
 T'Rukhemai -- a name for T'Rukh's moon
 T'san s'at -- a process of eliminating emotions (anc.)
 T'shehsu -- sextuplet
 T'stehsu -- septuplet
 Ta'a -- "taal", traditional Vulcan hand salute
 Ta'bek -- drug
 Ta'gal -- neutron
 Ta'raf -- neutral
 Ta'Valsh -- an ancient Vulcan port facility
 Tab-ma -- late
 Tabakau -- regain
 Tadek-adir -- absent
 Tah -- unobtainable
 Tahal -- light (weight)
 Tahal-tukh -- helium
 Taik -- hat, cap
 Takau -- beckon
 Takov -- pretty
 Takurek -- prism
 Tal t'li -- first meditation of adult training
 Tal'oth -- Vulcan youth desert survival ritual
 Tal-kam -- dear
 Tal-muv -- key
 Tal-tor -- find, discover
 Tala -- value (n.)
 Talal -- find, discovery
 Talik -- scientific
 Talu -- neck
 Talu-shaya -- "tal-shaya", execution by breaking the neck
 Taluhk -- precious, valuable
 Taluhk-tukh -- platinum
 Talupau -- estimate (v.)
 Talvot -- bacterium, germ
 Tam-tor -- dance (v.)

Tamsu -- dancer
 Tan-tor -- give, donate
 Tanaf -- art
 Tanafsu -- artist
 Tangu -- ideal (n.)
 Tanilau -- provide, supply
 Tanovau -- equip, provision, fit out
 Tar-tor -- say
 Tasau -- leak (v.)
 Tash -- control (n.)
 Tash-tor -- control (v.)
 Tashal -- (control) console
 Tashek -- controller
 Tasmin -- "Tasmeen", Autumn (season)
 Tau -- fever
 Tau-kath -- "fever healing" (anc.)
 Tauf -- ridge (geol.)
 Tauk -- cave
 Taul-tor -- dive (v.)
 Taurau -- amaze
 Tauvolau -- incite, foment
 Tav -- rate (n.)
 Tavat -- ratio
 Tcha -- curl (n.)
 Tchakarya -- "chkariya" or "ch'kariya", a ferret-like predator and scavenger
 Tchas -- warp
 Tchef -- vortex
 Tchol -- bay
 Te' -- structure
 Te'Rikh -- a Vulcan city
 Te'koshfet -- architect (anc.)
 Tedvun-tor -- flex (v.)
 Tedvunik -- flexiable, pliable, pliant
 Tefuk -- deliver (v.)
 Tehk -- sprout (n.)
 Tehnat -- against
 Tehnau -- resist, stand up against
 Tehrai -- goal
 Tehs -- deceit, fraud, deception, trickery
 Tehs-tor -- deceive, trick (v.)
 Tehvar -- danger
 Tehvarik -- dangerous
 Tekeret -- deviation
 Tekla -- a type of wood
 Tel -- bond (n.)
 Tel-tor -- bond (v.)
 Tela'at -- elder (title of respect for advanced age Kolinahru)
 Telsu -- one who is bonded, married person
 Telv-tor -- read (v.)
 Temep -- gate
 Temok -- wall
 Ten -- less
 Ten-kan-bu -- embryo (TGV)

Ten-mal -- early
Tenah -- blame (v.)
Tenkan -- fetus
Teporilau -- excite (v.)
Tepul -- energy, power
Terau -- join together, fasten
Teraya -- (con)federation
Terek -- affix (n.)
Teresh-kah -- Vulcan "silver-bird" (anc.)
Teretau -- converge
Teretek -- coupler
Teretuhr -- together, united, fused
Terish-tor -- combine (v.)
Terk -- bolt (n.)
Terpaya -- adhesion
Terra -- Earth
Terrasu -- Earthling, Terran (n.)
Terrupik -- earthly, earthling (adj.)
Tersau -- connect
Tersek -- buckle (n.)
Tershau -- collect
Tersu -- partner (n.)
Teruk -- corner (n.)
Tesha -- awe (v.)
Tesihek -- albumin
Teslau -- repair, fix (v.)
Tessaya -- addiction
Tetalaya -- friction
Tetau -- rub (v.)
Tev'rak -- west
Tev-tor -- fall, descend; die
Tevakh -- death
Tevan -- descent, fall
Tevik -- dead
Tevun -- year
Thakau -- focus (v.)
Thal -- loose
Thal-tor -- loosen
Thalv -- page, sheet
Thanai -- adopt
Thas -- milk
Thasau -- lactate
Thasek -- breast (TGV)
Thav -- cone (plant)
Thek -- drop (rain, tear, etc.)
Thel'a -- fat (n.)
Theris -- a Vulcan herb (often made into tea)
Thes-tor -- engrave
Theshau -- scrape (v.)
Thezh-tor -- drip (v.)
Thinoi -- waste (v.)
Thol -- noble (adj.)
Thon-tor -- measure (v.)

Thonau -- anguish (v.)
Thonek -- meter (device)
Thorau -- burst (v.)
Thorshau -- explode (v.)
Thorshau-tukh -- explosives
Thorshaya -- explosion
Thorshek -- bomb
Thorshun -- cannon
Thrakh -- gneiss
Thrap -- offense
Thrap-tor -- offend
Thresh-tor -- split, cleave
Threshan -- speed, velocity
Throks -- give, share (with a superior)
Thruhk(-) -- foul, offensive, loathsome, repulsive
Thuhk -- cheese
Thurai -- next
Ti -- lay, lie (down)
Tik -- each
Tikopah -- independence
Tilau -- perforate, pierce
Tilek -- spear (n.)
Timut -- heel
Tin -- layer (n.)
Tinga -- dimension (measurement)
Tipan -- shoulder
Tish -- to you
Tishau -- like (v.)
Tizh-tor -- enjoy (v.)
Tlingansu -- Klingon
To'ovau -- to grow
To-gav -- law
To-pal -- coat (n.)
Tobeg-tor -- excuse (v.)
Todvel-tor -- elect (v.)
Togolau -- enforce
Tok-ti -- fine
Tol -- gene
Tolasau -- clone (v.)
Tolik -- genetic
Toltra -- chromosome
Tomasu -- kinsman, relative
Tor -- do, make (v.)
Tor-tal -- physics
Tor-vel -- mechanism
Tor-yatal -- "tor-ia-tal", challenge to death (anc.)
Tor-zhit -- verb
Torai -- action
Toran -- activity
Toranik -- busy
Torek -- process (n.)
Torekra -- system
Torsh -- feat

Torvau -- build, construct, produce (v.)
 Torvukh -- sport (n.)
 Tostau -- execute, put to death
 Totsu-k'hai -- "totsu'k'hy", a disabling nerve pitch (anc.)
 Tovek-tukh -- germanium
 Tra -- mass, body, accumulation, assemblage
 Tra-lan -- major (army/marines), lieutenant commander (naval/Starfleet)
 Trahokna -- institute
 Trahokna t'Ek'Mishan T'Khasi -- Vulcan Institute of Technology
 Trak -- pillow (n.)
 Tral -- surge (n.)
 Tran -- order (command) (n.)
 Tran-tor -- order (to do something) (v.) Tranush -- patience
 Trasha -- depart, leave
 Trau -- honest
 Trau'es -- honesty
 Travek -- group, set, platoon
 Traveksu -- sergeant
 Travilau -- compile
 Trefei -- martyr (v.)
 Trefem -- martyr (n.)
 Treit -- flock (n.)
 Tren-tor -- master (v.)
 Tres-tor -- rip, tear (v.)
 Tresahk-tor -- rip into pieces, rend, shred (v.)
 Treshau -- crack, split open (v.)
 Tri-zhar -- an invasive procedure (anc.)
 Trufemu -- martyr (n.)
 Tsa -- curve (n.)
 Tsat -- secret (n.)
 Tsatik -- secret (adj.)
 Tsau-tukh -- zinc
 Tsek -- column (n.)
 Tselaya -- mutation
 Tsokal -- territory
 Tsoarau -- store, cache, save up
 Tsulaya -- amplitude
 Tsuru -- regular, common, usual, normal
 Tsurkan-, Tsurkanik -- consistent
 Tu -- you (after a vowel sound)
 Tu'ash -- to open
 Tu-lan -- Vulcan breathing exercise
 Tuf -- chest (anat.)
 Tuh -- stack, pile, heap (n.)
 Tuhk -- dent (n.)
 Tuhllar -- contents
 Tuhsau -- cross (v.)
 Tukh -- material, stuff, substance
 Tum-tor -- count, add up, tally (v.)
 Tum-vel -- computer
 Tumak -- (computer) program
 Tumau -- program (v.)
 Tun -- care (n.)

Tupa -- lesson
 Tus-tor -- load (v.)
 Tusa -- weep (v.)
 Tushat -- grief
 Tusla -- cargo
 Tusok -- exercise (n.)
 Tvai -- mean (v.)
 Tvelkau -- tune (v., radio, musical instrument, etc.)
 Tveshu -- origin
 Tvi-shal -- chamber, room, atrium
 Tvihanek -- interface (n.)
 Tvik -- inner (adj.)
 Tvissek -- reflex
 Tvitaya -- lining
 Tviyan -- core (n.)

U'rak -- negative (polarity)
 Ub -- dome
 Uf -- how
 Ugau -- promise (v.)
 Uk -- digit (finger or toe)
 Ukhru-vishan -- affair
 Ukralau -- crawl (v.)
 Ukraluk -- reptile
 Ulef -- half
 Ulidar -- mark, scar, blotch
 Um -- tip, point
 Un -- digit (math.)
 Ur -- tunnel
 Uralau -- sing (v.)
 Uralausu -- singer
 Urgam -- effort
 Urozh -- crop(s)
 Ushek -- basalt
 Utan -- compassionate
 Utan'es -- compassion
 Utvau -- reason (v.)

Uz -- fee
 Uzh -- new
 Uzhau -- refresh, renew

V'Shar -- the Vulcan Security Force (anc.)
 Va'amau -- mimic (v.)
 Va'asau -- copy (v.)
 Va'ashiv -- again
 Va'num -- search (obs.)
 Va'prah -- replace
 Vah -- as (comparitive)
 Vahl -- grant, bequeath
 Vai -- holy
 Vaikar-, Vaikarik -- devout
 Vaikau -- devote

Vak-zehl -- X-ray (n.)
Vakav'es -- frequency
Vakhik -- bold
Vaksurik -- beautiful
Val -- chip (n.)
Valit -- a Vulcan burrowing animal
Vam -- esteem (n.)
Van-kal -- ceremony (anc.)
Van-razh -- mine(shaft)
Van-tor -- mine, excavate, dig up
Van-tukh -- ore
Var -- tale, story
Var-tor -- tell, relate
Variben -- talk (v.)
Vas-tor -- relieve
Vash -- terror
Vashau -- destroy
Vat -- repository, temporary storage
Vath -- other
Vathru -- otherwise
Vau-tukh -- titanium
Vaukh -- calf (leg)
Vaunah -- hesitation
Vava -- echo (n.)
Vazgau -- steal
Vazh -- urine
Vazh-sa'haf -- bladder
Ved -- quite
Vedik -- weed
Vedrah prah -- acceptance & negation of pain & discomfort (anc.)
Vek -- (egg) yolk
Vel -- thing, item
Vel-zhit -- noun
Velek -- structure (biol., chem., etc.)
Velik -- simple, basic
Veltra -- property
Ven-dol-tar -- philosophy (anc.)
Venek -- trend (n.)
Venlinahr -- normal state of adult discipline
Ver-tor -- edit (v.)
Ves -- kind, type
Veshau -- elapse, pass (v.)
Vesht -- past
Veshtau -- experience (v.)
Veshtaya -- experience (n.)
Vesuhl -- bitumen (anc.)
Vet -- doubt (n.)
Vi -- who
Vi-kwitaya -- intrusion
Vihk -- blob, clod, clot, glob, etc.
Vihpan -- block (n.)
Vikau -- warn
Vikuvau -- encircle, surround

Vil -- odor
Vimashau -- liquify
Vin'es -- maturity
Vin-tor -- mature (v.)
Vinem-tor -- assimilate
Vinik -- mature(d) (adj.)
Vipladau -- record (v.)
Vis -- grid, net, web
Visak'a -- legacy (anc.)
Vishitau -- embed, put into place
Viskulan -- matrix
Visolektau -- bury
Visolektaya -- burial
Visovau -- inflate
Vita -- unless
Vitaya -- stasis
Vitik -- static (adj.)
Vitush -- ash(es)
Vivotaya -- infection
Viyik -- even (not odd)
Vla -- side (n.)
Vlavla -- parallel (adj.)
Vlau-tor -- stink (v.)
Vlei -- bellow (v.)
Vlitau -- pay (v.)
Vluhn -- drum (n.)
Vlur -- howl (v.)
Vohrau -- brake (v.), slow to a stop
Vohris -- slow
Vohtau -- delay (v.)
Vokau -- remember
Vom-tukh -- limestone
Vuhnauk -- divers, various
Vulu -- angle (n.)
Vulumau -- bevel (v.)
Vup -- feint (n.)
Vravshau -- fail
Vravshaya -- failure
Vre-kasht -- exile, outcast (anc.)
Vu -- you (reflexive)
Vugau -- to fester
Vuhkansu -- a Vulcan
Vuhnau -- vary
Vuhnaya -- variation, diversity
Vukh -- hull, fuselage
Vukharat -- vector (n.)
Vukhut -- body
Vul -- angle, slant, slope
Vunai -- field (electromagnetic, etc.)
Vus -- echelon
Vutau -- call (v.)
Vuzh -- smoke (n.)

Wa' -- especially
Wadashau -- perspire, sweat (v.)
Wadi -- skin
Wafau -- deny
Wahtau -- insult (v.)
Wak -- time
Wak-vel -- clock
Wakli -- in what manner, in what way
Wal-tukh -- magnesium
Wan -- cloud
Wan-kur -- white
Waneti -- flowering plant with tiny white blossoms
Wat -- problem
Watosh -- ugly
Wauk -- turbulence
Wef -- scale, flake
Weh -- more
Weh-rom -- better
Wehk -- many
Weht -- more
Wehu -- plural
Wei-, Weik -- easy
Wein -- cover (n.)
Weizehl -- series
Wek -- phase (n.)
Wel -- nerve (medical)
Wesh-tor -- streak (v.)
Wi -- yet
Wilat -- where
Wimish -- to be called/named
Wis -- tense (grammar)
Wivel'es -- tolerance
Wivelau -- tolerate
Woht -- funnel (n.)
Wonil -- narrow, strict
Worla -- never
Wu -- long
Wu-vath -- length
Wufik -- tight
Wufkau -- tighten
Wugau -- confirm
Wuh -- a, an
Wuh'ashiv -- another
Wuh-lan -- second lieutenant (army/marines); ensign (naval/Starfleet)
Wuh-thurai -- the next one
Wuh-wak -- once
Wuhkuh -- one (the number)
Wuk -- canker (sore)
Wun -- weapon

Ya'akash -- ask
Ya'shakhuv -- age
Yad-tukh -- thallium

Yadan -- edition
Yahv-tor -- borrow
Yai -- flame (n.)
Yak -- lymph
Yal -- indicator
Yar -- grass
Yar-kur -- a green color
Yar-tukh -- copper ore
Yaret -- visit (v.)
Yarmok -- salad
Yartik -- grain
Yatau -- father a child, sire (v.)
Yauluhk -- important
Yausha -- expire (v.)
Yaut -- proud
Yeht -- correct, right, real, true
Yeht'es -- truth, reality
Yeht-daya -- effective
Yeht-fam -- wrong, incorrect, false, untrue
Yeht-gav -- justice
Yeht-urgam -- efficient
Yekuhl -- moss
Yel -- star
Yel-ek'duv -- solar eclipse
Yel-Halitra -- Star Fleet
Yel-pi'maat -- solar system
Yel-pohshaya -- solar flare
Yel-sposhan -- solar prominence
Yem -- meal
Yem-tukh -- food(stuffs)
Yen-tor -- forget
Yerak -- bowl
Yesik -- probable
Yetur -- drive (v.)
Yi -- then
Yidor-tor -- format (v.)
Yokul -- eat (v.)
Yokulsu t'Katralar -- "The Eater of Souls" (myth.)
Yol -- chitin (insect shell, etc.)
Yon -- fire
Yon-dukak -- sun
Yon-kur -- red
Yon-tor -- ignite, set on fire
Yon-tukh -- phosphorus
Yonag -- torch (flaming only)
Yonan -- ignition
Yonshau -- inflame
Yontau -- burn (v.), combust
Yonuk -- quarter (1/4)
Yorku -- guts, innards, viscera
Yu-mur -- egg
Yuk-tor -- sleep (v.)
Yuk-vel -- mattress

Yukal -- ovary
Yukau -- ovulate
Yumau -- flow (v.)
Yush-tukh -- polonium
Yut -- path, trail, way
Yuvik -- oval, elliptical
Yuzhat -- caution

Za' -- behind
Za-gad -- yesterday
Za-glan -- hindsight
Za-vel -- relic
Zadau -- forbid
Zahal-tor -- follow
Zahv-tor -- taste (v.)
Zakar -- damage
Zalu -- enzyme
Zam -- few
Zama-tor -- spy (v.)
Zamasu -- spy (n.)
Zan-tor -- view (v.)
Zaprah -- retrieve, get back, fetch
Zarahk-tor -- break into pieces, shatter
Zaseshau -- drag (v.)
Zasuhl -- granite
Zat(-) -- acute
Zat'es -- acuity
Zavikau -- trace, track down
Zeh -- beam, girder (n.)
Zehik -- straight
Zehl -- line, row, (-)beam
Zehl-tor -- align
Zehlanau -- sequence (v.)
Zek -- order (birth, seating, etc.)
Zhagra -- game
Zhai-kur -- gray
Zhai-tukh -- tin
Zhar -- rust (n.)
Zhar-kur -- orange
Zhar-tor -- rust (v.)
Zhel -- strap, band
Zhel-lan -- lt. colonel (army/marines); commander (naval/Starfleet)
Zherka -- emotions
Zhil -- term (n.)
Zhis -- steam (n.)
Zhit -- word
Zhit-dunap -- dictionary
Zhit-feim -- vocabulary (list)
Zhu-fam -- deaf
Zhu-tor -- hear (v.)
Zhu-yehat -- audible
Zhuk-om -- factory (anc.)
Zhuk-tor -- fabricate

Zihik -- blurred, fluzzy
Zish-tor -- slide (v.)
Zo -- no matter (how)
Zon-tukh -- barium
Zud -- tooth
Zud-halek -- gear (mech.), lit. "tooth-wheel"
Zudsu -- dentist
Zul -- lava
Zun -- letter (alphabet)
Zung-tor -- tire, fatigue
Zungor -- tired, fatigued
Zup-shal -- (work)shop
Zup-tor -- labor (v.)
Zupsu -- laborer, worker
Zus -- (drill) bit
Zuvel -- gadget, gizmo

FEDERATION STANDARD-GOLIC VULCAN DICTIONARY

"A" to "E"

ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU

>A< na' >E<

This is a major portion of our Golic Vulcan Language vocabulary but not an unabridged reference. All words here have been verified. These words can be used for both Traditional Golic Vulcan and formal Modern Golic Vulcan, except where noted. If you printed or saved a version of these words prior to January 12, 2002, please discard that obsolete material.

The abbreviation (*anc.*) means the word comes from an ancient, often non-Golic, source; (*obs.*) means the word is considered obsolete in contemporary use in the Golic Vulcan languages. All other abbreviations are standard abbreviations that should be easily understood. Also, the Golic Vulcan languages have adopted words from other Vulcan languages, both living and dead.

A, An -- wuh
 Abacus -- tum-nentu
 Abaxial (bot., zool.) -- irak-da-sfekik
 Abbreviate -- zhipenau
 Abbreviation -- zhipenaya
 Abcission -- ha-snem
 Abdomen -- feshek
 Aberrant -- rivesik
 Ability -- kup'es
 Ablactation -- pehk-thasaya
 Ablation -- falkrashaya
 Able -- kup
 Ablepharia -- fam-bezhun-wein
 Ablogenesis -- ha-nen-tveshu
 Ablotic -- rihatik
 Ablutophobia -- wu'sibau-pthak
 Abnormal -- ritsuri
 About -- pa, pa'
 Above -- abru'
 Abrachia -- fam-karlar
 Abrade -- grashau
 Abranchiate -- masu-eshanek-fam
 Abrasion -- grashaya
 Abrasive (n.) -- gashayek
 Abscess -- pi'tak
 Abscissa -- pa'ash-sfek-pit
 Abcission (bot.) -- kas-krus-fosha
 Absent -- tadek-adir (anc.)
 Absolute -- ek'es-, ek'esik
 Absolute age -- ek'esik ya'shakhuv
 Absolute ceiling -- ek'es-pid-tin
 Absolute convergence -- ek'es-teretaya

Absolute humidity -- ek'esik masu'es
 Absolute magnitude -- ek'esik pul'es
 Absolute value -- tsuri-tala; ek'es-tala
 Absolute weight -- ek'es-rasath
 Absolute zero -- ek'es-ris
 Absorb -- vi-seshau
 Absorbent (n.) -- vi-seshayek
 Absorption -- vi-seshaya
 Absorption band -- vi-seshau-zhel
 Absorption lines -- vi-seshau-zehllar
 Absorption spectrum -- vi-seshau-kurtra
 Abundance -- mau-yan
 Abyss -- gosh
 Abyssal deposits -- (glu-)gosh-titayalar
 Abyssal-benthic zone -- glu-gosh-shal
 Abyssopelagic -- (glu-)gosh-masutraik
 Acataphasia -- rish-nahp-nosh
 Accelerate -- sahrau
 Acceleration -- sahraya
 Accelerator -- sahrayek
 Accelerometer -- sahrau-thonek
 Accept -- nar-tor
 Accepted, to be -- punar-tor
 Access panel -- thro-wein
 Accident -- kisheya
 Accompany -- sailau
 According to -- fupa s'
 Account (n.) -- khrosahp
 Accretion (med.) -- fito'ovaya
 Accretion disk -- fito'ov-mathra
 Accumulate -- hoknau, tabrukau
 Accumulation -- hoknaya, tabrukaya
 Accumulator (elect.) -- kipof
 Acellular -- rinalaik
 Acerophobia -- sfith-pthak
 Acetic acid -- sfith-masu-sash
 Acetone -- nen-nalesh(-tukh)
 Ache (n.) -- sut
 Achievement -- srashiv
 Achluophobia -- mu'gel-pthak
 Achromasia -- spoh-wadi-nosh
 Acid (compound) -- sash
 Acid (solution) -- sash-masu
 Acid rain -- sash-sov-masu
 Acidemia -- pid-sash-nosh
 Acidic -- sash-, sashik
 Acidity -- sash'es
 Acidosis -- ritsuri-sash-nosh
 Acousticophobia -- rash-pthak
 Acknowledge -- nafai-tor
 Acquire -- prah
 Acquired behavior -- prah-kloshai
 Acquired characteristics -- prah-noshtralor

Acquired immunity -- prah-tefosh'es
 Acquisition -- prai
 Acrophobia -- pidek-pthak
 Acropetal -- na'umik
 Across -- mes'
 Act (v., in a play, etc.) -- per-tor
 Actinic rays -- glakuv-ha'zehllar
 Actinium -- r'dahn-tukh
 Actinodermatitis -- saya-wadi-yonshaya; yel-wadi-yontaya, yel-wadi-yonshaya
 Actinoid (zool.) -- yel-shidik
 Actinomycosis -- halek-talvot-has
 Actinotherapy -- ha'zehl-ben-gun
 Action -- torai
 Activate -- vitorau
 Activated carbon -- vitor-nol-tukh
 Activated charcoal -- vitor-yonol-tukh
 Activator -- torai-vel (elect., mech.); vitorayek (bio., chem.)
 Active -- torupik
 Active array -- torupik zehlaya
 Active device -- torupik el'mish
 Active electrode -- torupik narafek
 Active fault -- torupik dvun-zehl
 Active filter -- torupik kapol
 Active margin -- torupik rihkal
 Active resistance -- torupik tehnaya
 Active volcano -- torupik zul-kunel
 Activity -- toran
 Activity coefficient -- toran-kakratulek
 Actor, Actress -- per-ithop (anc.)
 Acuity -- zat'es
 Aculeate (biol.) -- salum-, salumik
 Acupria (Vulcan "anemia") -- fam-khaf-meil (svi'hasular k'yar-khaf-nalalar)
 Acupuncture -- lum-ben-gun
 Acutance -- glakuv-zat'es
 Acute -- zat
 Acute angle -- zat-vulu
 Acyclic (bot.) -- kulanik
 Adapt -- rubilau
 Adaptation -- rubilaya
 Adapter -- rubilau-vel
 Adaptive array -- rubilau-zehlaya
 Adaptive radiation -- rubilau-saya
 Adaxial (biol.) -- na-da-sfekik
 Add -- hau
 Addend -- hau-vel
 Addict -- tessau; tessausu
 Addiction -- tessaya
 Addition -- haya
 Additional -- hayaik
 Additive function (math.) -- hau-is-kek
 Additive process -- hau-torek
 Address -- shi'yavekh
 Adduction -- na-dvunel

Adendritic -- wel-gel-famik
 Adenitis -- pi'nafek-yonshaya
 Adenoid -- za-han-pi'nafek
 Adhesion -- terpaya
 Adhesive (n.) -- terpayek
 Adiabatic -- ri-falek'es-rubaik
 Adiabatic change -- ri-falek'es-rubaik rubah
 Adiabatic equation -- ri-falek'es-rubaik vo'ihn
 Adiabatic lapse rate -- ri-falek'es-rubaik sov-shen-tav
 Adiabatic process -- ri-falek'es-rubaik torek
 Adiactinic -- ri-ha'gel-torupik
 Adipose tissue -- thel'upik nalatra
 Adit -- ek'tukh-razh; thro-ur
 Adjacent -- beyi-, beyik
 Adjective -- rub-zhit
 Adjust -- namishau
 Administer -- ekhartau
 Administrator -- ekhartausu
 Admiral -- halitra-lan
 Admiral, Rear -- nik'el-lan
 Admiral, Vice -- shaltra-lan
 Adopt -- thanai
 Adoption -- tanah
 Adoral -- be'ru'lutik
 Adrenal gland -- abru-kapol-nafek
 Adsorb -- fiterpau
 Adsorbent (n.) -- fiterpayek
 Adsorption -- fiterpaya
 Advance -- storilau, storilaya
 Advanced -- stor
 Advection -- sov-yutik-dvun
 Advection fog -- ihsek s'lamekh-masu-sov mes'samek-solektra
 Advice -- na'shikh (anc.)
 Advise -- na'shikhau
 Adze -- lapan-shidek
 Aeolian deposit -- salan-titaya
 Aeolian tone -- salan-molu
 Aerate -- sov-tan-tor
 Aerated concrete -- sov-tan-nok
 Aeration -- sov-tanan
 Aerial (adj.) -- sovik
 Aerial (antenna) -- (pi')kash-gel
 Aerobe -- sov-ha-vel
 Aerobic -- sov-ladik
 Aerodynamic balance -- sov-dvun-vo'ektaya
 Aerodynamic braking -- igen-tukh-vohraun
 Aerodynamic heating -- sov-dvun-falekan
 Aerodynamics -- sov-dvun-tal
 Aerodyne -- ras-sov-hali
 Aerofoil -- aberala
 Aerology -- (ek')sov-tal
 Aeronautics -- hash-tal
 Aerostat -- ta'hal-sov-hali

Aerothermodynamics -- sov-falek-tal
 Afebrile -- tau-fam
 Affair -- ukhru-vishan (anc.)
 Affect -- dau
 Afforestation -- laptra-storaya
 Aflagellar -- dvunel-pi'harr-fam
 Afraid -- kwes
 After -- po'; po-
 Afterbirth -- po-tukh
 Afterburner -- saguhsh-yontayek
 Afterdamp -- dah-eshu t'nol-tukh
 Aftermath -- po-wak
 Afternoon -- aru (anc.)
 Aftershock -- po-hutaya
 Again -- va'ashiv
 Against -- tehnat
 Agalactia -- fam-thas-nosh
 Agate -- grut
 Age (life) -- ya'shakhuv (anc.)
 Age (period, era) -- pal
 Agenesis -- ritveshu
 Agglutinate -- navihkau
 Agglutination -- navihkaya
 Agglutinin -- vihk-tukh
 Agglutininogen -- vihk-tukh-torek
 Aging -- shakhuvaya
 Aggregate -- karf-kov (n., geol.), karf-tor (v.)
 Aggression -- kresan
 Aggressive -- kres-, kresik
 Aggressive behavior -- kres-kloshai
 Aggressive mimicry -- kres-va'amaya
 Agitate -- pahutau
 Agnosia -- fam-naglashaya-nosh
 Agoraphobia -- tu'ashal-pthak
 Agraphia -- fam-kitaya-nosh
 Agree -- sep-wafikh (anc.)
 Agrestal -- risokasitalik
 Agriculture -- urokasaya
 Agrizophobia -- kwai-aushfa-pthak
 Agronomy -- urozh-solek-tal
 Aichmophobia -- sfek-vel-pthak
 Aid -- mamut (n., anc.), mamuk (v., anc.)
 Aide -- gol'nevsu
 Aileron -- padukau-rala
 Aim -- mokh, mokh-tor
 Air -- sov
 Air absorption -- sov-vi-seshaya
 Air bladder -- sov-sa'haf
 Air brake (aircraft) -- sov-vohrayek
 Air brush (n.) -- sov-achut
 Air compressor -- sov-lerakovayek
 Air conditioner -- sov-noshek
 Air conditioning -- sov-noshaya

Air conditioning duct -- sov-noshau-mev
 Air duct -- sov-mev
 Air embolism -- sovik khaf-mev-klotaya
 Air filter -- sov-kapol
 Air intake -- sov-prah-vel
 Air lock -- fna-svep
 Air mass -- sovtra
 Air pocket -- abru'lik sov-razh
 Air pump -- sov-spol
 Air pressure -- sov-ne'hish
 Air shaft -- sov-ur
 Air sickness -- hash-has-mar
 Air speed -- fna-sov-threshan
 Air valve -- sov-spunek
 Aircraft -- sov-hali
 Airflow -- sov-yumaya
 Airfoil -- aberala
 Airframe -- sov-hali-veltra
 Airglow -- sov-min
 Airless -- sov-fam-, sov-famik
 Airliner -- sov-su-yata
 Airmanship -- hash-renkup'es
 Airport -- shi'sov-hali
 Airship -- (tepulik) pa-sov-hali
 Airtight (adj.) -- sov-fenk(-)
 Airway (med.) -- esh-mev
 Airway obstruction -- esh-mev-klotaya
 Airworthy -- hash-ek'manik
 Akinesia -- fam-dvunel-nosh
 Alabaster -- tanaf-kov
 Alarm (device) -- vikayek
 Albedo -- ha'gel-haulan-tavat
 Albino (n.) -- fam-kursu
 Albumin -- tesihk
 Alcohol -- naliveh
 Alcoholism -- naliveh-tessaya
 Algae -- smollar
 Algebra -- seht-su'us-ek'tal
 Algebraic -- seht-su'us-, seht-su'usik
 Algebraic curve -- seht-su'us-tsa
 Algebraic function -- seht-su'us-kek
 Algebraic number -- seht-su'us
 Algology -- smol-tal
 Algophobia -- kusut-pthak
 Algorithm -- kilkau-torek
 Alidade -- dah-glanekik pa'ash-pasu-skothonek
 Alien (adj.) -- akan(-)
 Alien (n.) -- akansu
 Align (v.) -- zehl-tor
 Aligned -- zehlik
 Aligned, to be -- puzehl-tor
 Alignment -- zehl'es
 Alike -- kahkwa (anc.)

Alimentary canal -- skaun-ek'ur
Alimentary system -- skaun-torektra
Aliquot -- tukh-nisauk pi'li-fal
Alkalemia -- pid-sovash-nosh
Alkali -- sovash
Alkali granite -- sovash-zasuhl
Alkali metals -- sovash-mokevlar
Alkaline -- sovash-, sovashik
Alkaline battery -- sovash-kipof
Alkaline earth metals -- sovash-solek-mokevlar
Alkalosis -- ritsuri-sovash-nosh
All -- ek; ek'
Allele -- tol-shid
Allelomorph -- tol-shid
Allergen -- tehn-folau-tukh
Allergy -- tehn-folaya
Allow -- kal-tor
Alloy (n.) -- rish-mokev
Alluvial fan -- ne-tin-sovek
Alluvial mining -- ne-tin-vanan
Alluvial plain -- ne-tin-eiktra
Alluvium -- ne-tin (s'masu-titaya)
Ally (n.) -- puk'ai'la
Almost -- siyah
Alogia -- pak t'stariben-kup'es
Alone -- sa'awek
Alopecia -- isachaya-pak
Alpha decay -- sih-nehaya
Alpha emitter -- sih-sayek
Alpha particle -- sih-pi'gal
Alpha radiation -- sih-saya
Alpha rays -- sih-zehllar
Alpine (adj.) -- pid-kunel-, pid-kunelik
Also -- isha
Alter -- rubitau
Alternate (v.) -- krusitau
Alternate angle -- krusit-vulu
Alternate exterior angle -- krusit-si-vulu
Alternate interior angle -- krusit-tvi-vulu
Alternating series -- krusit-weizehl
Alternative medicine -- vath-has-tal
Alternator -- ek'ka-ferek
Altimeter -- pidek-thonek
Altitude -- sov-pidek
Altitude switch -- sov-pidek-dvelek
Altitude valve -- sov-pidek-spunek
Alto cumulus (cloud) -- pid-tra-wan
Altostratus (cloud) -- pid-tin-wan
Altruism -- vathu-tunan
Aluminum -- wan-tukh
Aluminum foil -- wan-tukh-thalv
Aluminum leaf -- wan-tukh-mor
Aluminum powder -- wan-tukh-grazhiv

Alveolitis -- esh-nala-yonshaya
 Alveolus -- esh-nala
 Always -- kwon-sum
 Amalgam (chem.) -- masumok-rish-mokev
 Amastia -- fam-thasek-nosh
 Amathophobia -- grazhiv-pthak
 Amaze -- taurau
 Amazed, to be -- putaurau
 Amazement -- tauraya
 Amazing -- taurauk
 Ambassador -- kevet-dutar (anc.)
 Amber -- puhku
 Ambient -- pa-nosh-, pa-noshik
 Ambient noise -- pa-nosh-ralash
 Ambient temperature -- pa-nosh-falek'es
 Ambulatory -- lates-kupik
 Ambulophobia -- lates-pthak
 Americium -- wuh-tukh
 Amethyst -- gahv
 Amino acid -- sash t'ha-torek
 Ammonia -- reh-masuyu t'sov-tukh
 Amnesia -- vokaya-pak
 Amniocentesis -- sudef-masu-nisan
 Amniotic fluid -- sudef-masu
 Amniotic sac -- sudef-masu-sa'haf
 Among us -- akhlami
 Among them -- ekhlami
 Amorphous -- fam-shidik
 Amount -- nosahp
 Amp(ere) -- norak
 Amplifier -- ashenayek
 Amplitude -- tsulaya
 Amplitude distortion -- tsulau-saznek
 Amplitude limiter -- tsulau-greyk
 Amplitude modulation (AM) -- tsulau-nakihtilaya
 Amplitude peak -- tsulau-feh
 Ampoule, Ampule (med.) -- has-mashek
 Amputate -- sanesh-tor
 Amputation -- sanesh
 Amychophobia -- thesh-pthak
 Amyoplasia -- fam-dvunek-storaya
 Amyotrophia, Amyotrophy -- dvunek-pak-nosh
 Amylum (bot.) -- (kas-)slok
 Anabatic -- abru-dvunik
 Anabatic wind -- (kunelik) abru-dvun-salan
 Anabolic -- torvau-torik
 Anabolism -- torvau-torek
 Anadromous -- zalmatrupik
 Anaerobe -- risov-ha-vel
 Anaerobic -- risov-ladik
 Anal -- pekh-razh-, pekh-razhik
 Analgesic (n.) -- kusut-nem-tukh
 Analog clock -- elek-wak-vel

Analog computer -- vuhna-tum-vel
 Analog filter -- vuhna-kapol
 Analog recorder -- vuhna-vipladayek
 Analog signal -- vuhna-glantokaya
 Analog watch -- karik elek-wak-vel
 Analysis -- nisaya
 Analyst -- nisausu
 Analytic continuation -- nisau-fatoran
 Analytic function -- nisau-kek
 Analytic set -- nisau-eku
 Analyze -- nisau
 Anaphase -- toltra-dahsaya
 Anaphylactic shock -- pid-folau-kolaya
 Anatomy (study) -- vukhut-tal
 Ancestors -- orfik-kel (anc.)
 Anchor (boat/ship) -- masu-vohrayek
 Ancraophobia -- salan-pthak
 And -- eh, heh
 Andiron -- yon-lapan-nentu
 Andorian (person/language) -- Andorsu
 Androecious -- sa-gohik
 Androecium -- sa-svai-krus
 Androgen -- dau-tukh t'sa-noshtra
 Android -- sutorsu
 Androphobia -- sasu-pthak
 Anemia -- fam-khaf-meil (svi'hasular k'yon-khaf-nalalar)
 Anemometer -- salan-thonek
 Anemophily -- k'salan-vikantaya
 Aneroid barometer -- dvunek-elekik sov-ne'hish-thonek
 Anesthesiologist -- kashan-nesu
 Anesthesiology -- kashan-ne-tal
 Anesthetic -- kashan-ne-meil
 Aneurysm -- khaf-mev-eikan
 Angel -- ha'su
 Anger -- resha, reshan
 Angiologist -- vukhut-mevsu
 Angiology -- vukhut-mev-tal
 Angiosperm -- wein-nei-kastik
 Angle (n.) -- vulu
 Angle bracket -- vulu-mad
 Angle gauge -- vulu-mik-yal
 Angle iron -- vulu-vel
 Angle of approach -- betau-vulu
 Angle of arrival -- lasha-vulu
 Angle of attack -- hash-vulu
 Angle of deflection -- sakwitau-vulu
 Angle of departure -- trasha-vulu
 Angle of heel -- galat-vulu
 Angle of incidence -- skonn-tev-vulu
 Angle of reflection -- haul-vulu
 Angle of refraction -- ha'zehl-vulau-vulu
 Angle of repose -- ek'an-tuh-vulu
 Angle of roll -- padukau-vulu

Angle of slide -- tuh-tev-vulu
 Angle of stall -- ek'an-hash-vulu
 Angle of view -- zan-vulu
 Angry -- reshnek
 Anguish -- thonau, thonaya
 Anguished (adj.) -- thonauk
 Angular acceleration -- vukharat-sahraya
 Angular divergence -- vukharat-sataya
 Angular frequency -- vukharat-vakav'es
 Angular momentum -- vukharat-dvunelinak
 Angular velocity -- vukharat-threshan
 Anhydrous -- fam-masupik
 Animal (adj.) -- aushfamaluhr (anc.)
 Animal (n.) -- aushfa (anc.)
 Anion -- u'rak-falun-krus
 Ankle -- mal-nik
 Annual (adj.) -- kanok-tevunik (yearly); wuh-tevunik (botany)
 Anode -- a'rak-narafek
 Anomalous -- flekh-, flekhik
 Anomaly -- flekh'es
 Anorchia -- fam-sakal-nosh
 Anosmia -- fam-fnish-nosh
 Another -- wuh'ashiv
 Anovulation -- fam-yukaya
 Anoxia -- fam-esh-tukh
 Answer -- kilko(-srashiv), kilko-tor
 Answered, to be -- pukilko-tor
 Antacid -- tehn-sash-meil
 Antenna -- kash-gel
 Antenna feeder -- kash-gel-elakh
 Antenna field -- kash-gel-vunai
 Antenna grid -- kash-gel-vis
 Antenna impedance -- kash-gel-rasnertaya
 Antenna resistance -- kash-gel-tehnaya
 Anterior -- khom'rak
 Anthelion -- mesyut-yel(-stivan)
 Anther -- lesh-patam t'kas-sa-nei
 Antheridium -- sa-guv-nafek t'ek'os-kastiklar
 Antherocyte -- rivinik kas-sa-nei t'ek'os-kastiklar
 Antherozoid -- kas-sa-nei t'ek'os-kastiklar
 Anthesis -- svai-tu'ashya-wak
 Anthocyanin -- yar-gahv-kurek
 Anthrophobia -- svai-pthak
 Anthropology -- kominsu-tal
 Antibaryon -- tehn-pu'gal
 Antibiotic (n.) -- tehn-talvot(-tukh)
 Antibody -- fosh-galutravek
 Anticline -- abru-vul
 Anticoagulant -- tehn-vihk-tukh
 Anticollision beacon -- tehn-terkwul-glaribek
 Anticyclone -- vath-sov-dan
 Antidote -- tehn-gisam-tukh
 Antiemetic -- tehn-slakh-tukh

Antifouling paint -- gisam-vukhut-kras (t'masu-halilar)
 Antigen -- tehn-vel
 Antigrav(ity unit) -- tehn-ne-seshanek
 Antilock brake system -- tehn-klachaik vohrau-torektra
 Antilogarithm -- satalashenek
 Antimatter -- tehn-tukh
 Antimony -- kra-tukh
 Antimutagen -- tehn-tselayek
 Antimycotic -- tehn-luk-tukh
 Antineutrino -- tehn-ska'gal
 Antineutron -- tehn-ta'gal
 Antiparticle -- tehn-pi'gal
 Antipodal point -- mesyut-sfek
 Antiproton -- tehn-a'gal
 Antipruritic -- tehn-drizh-tukh
 Antipyretic -- tehn-tau-tukh
 Antiquark -- tehn-pihl
 Antique -- ek'os(-); ek'os-vel
 Antiroll bar -- tehn-padukau-mofek
 Antiserum -- tehn-has-masu
 Antitoxin -- tehn-hasam-tukh
 Antitussive -- tehn-huhsh-tukh
 Antivenin -- tehn-ausham-tukh
 Antler -- stonn
 Antlophobia -- abrash-pthak
 Anuria -- ritsuri-vazhaya-nosh
 Anus -- pekh-razh
 Anvil -- mah-vihpan
 Any -- fan(-)
 Anyone -- fan-veh
 Anything -- fan-vel
 Anything else -- fan-kitok
 Anywhere -- fan-wilat
 Apart -- k'wuhli
 Apartment -- ha-shal
 Apeirophobia -- va'es-pthak
 Aperture -- sharu
 Apex -- um
 Aphagia -- ritsuri yokul-vinem-nosh
 Aphasia -- gen-lis-pak (s'shad-sval)
 Aphelion -- yel-irak-sfek
 Aphenphosmophobia -- puesthul-pthak
 Aponia -- spes-pak(-nosh)
 Aplanate -- pa'ashtrupik
 Apnea -- esh-pehkaya-nosh
 Apodal, Apodous -- ash'ya-fam-, ash'ya-famik
 Apogee -- irak-sfek
 Apogee motor -- irak-sfek-mishu
 Apomorphic -- stor-shidik
 Apothem -- svitan-sazehl t'tsuri-wehk-vla
 Appendage -- si-krus (anat., zool.); si-vel (bot.)
 Appetite -- yeht-avon
 Appear -- saudau

Appoint (v.) -- kru'minaakh (anc.)
 Appointment -- kru'mina (to a position, etc.); latva (meeting)
 Approach -- betau, betaya
 Approach lights -- betau-ha'gellar
 Approach speed -- betau-threshan
 Approval -- messaya
 Approve -- messau
 Aquaduct -- masu-ur
 Aquamarine -- muzh-kur
 Aquarium -- aluk-kelek
 Aquatic -- masu-hatik
 Aqueous -- masupik
 Aqueous humor -- tvi-bezhun-masu
 Aqueous tissue -- masu-tsorau-nalatra
 Aquiculture -- uromashaya
 Aquifer -- masu-kovtra
 Aramid fiber -- klath-slah
 Arc -- kes
 Arc lamp -- kes-ha'gelek
 Arc minute -- kes-suk'krus
 Arc second -- kes-pi'krus
 Arc welder (device) -- kes-falterayek
 Arcade -- kesek-weizehl
 Arccosecant -- abomesayik vath-sfek-aus
 Arccosine -- abomesayik vath-tavat-zes
 Arccotangent -- abomesayik vath-sfek-vel
 Arch (n.) -- kesek
 Archegonium -- ko-guv-nafek t'ek'os-kastiklar
 Archeology -- veshtsu-tal
 Archibenthic zone -- gan-gosh-shal
 Archipelago -- vikuvtra-travek
 Architect -- te'koshfet (anc.)
 Architecture -- te'koshif (anc.)
 Architype -- nen-ves
 Archives -- oska
 Arcsecant -- abomesayik weht-sfek-aus
 Arcsine -- abomesayik vul-tavat-zes
 Arctangent -- abomesayik wuh-sfek-vel
 Area -- shal
 Arenaceous -- mazhiv-lef'es-kahk
 Areola -- kur-kuv
 Ar□te -- nas-rihk-tauf
 Argillaceous -- pid-krizhivik
 Argon -- im-tukh
 Argument (math.) -- nerau-kek-vuhnayek
 Arid -- maut-pseth
 Aril -- nei-si-to'ovak
 Arithmetic -- nen-su'us-ek'tal
 Arithmophobia -- su'us-pthak
 Arkose -- tashuhl-mazhiv-kov
 Arm -- kar
 Armature -- radanek
 Armor -- fo-wein

Armor plate -- fo-wein-math
 Armory -- shi'wun
 Army -- ask'er
 Around -- pa'
 Array -- zehlau, zehlaya
 Arrest (stop) -- pehkau, pehkaya
 Arrester -- pehkayek
 Arrhythmia -- ritsuri nel-dath t'khaf-spol
 Arrival -- lashan
 Arrive -- lasha
 Arrow -- kliton
 Arroyo -- pi'spathel
 Arsenic -- gis-tukh
 Arsenic trioxide -- reh-eshu t'dah-gis-tukh
 Arsenic trisulfide -- reh-vlau'u t'dah-gis-tukh
 Art -- tanaf (anc.)
 Arteriole -- pi'uzh-khaf-mev
 Artery (anat.) -- uzh-khaf-mev
 Arthralgia -- lesek-kusut
 Arthritis -- lesek-yonshaya
 Articulation -- terfitilaya
 Artificial -- sutor-, sutorik
 Artificial gravity -- sutor-ne-seshan
 Artificial gravity generator -- ferek t'sutor-ne-seshan
 Artificial gravity plate (grav-plate) -- ne-seshan-math
 Artificial heart -- sutorik khaf-spol
 Artificial insemination -- sutorik sa-neitaya
 Artificial intelligence -- sutor-kash-tok'es
 Artificial kidney -- sutorik kapol-nafek
 Artificial satellite -- sutor-aikum
 Artist -- tanafsu
 Artistic -- tanafluk
 As -- vah; u'
 Asbestos -- slah-tukh, slah-kov
 Asbestosis -- slah-eshaf-has
 Ascend -- she-tor
 Ascent -- shen
 Ascent thruster -- shen-kwitek
 Ascorbic acid -- nen-savas-sash
 Asexual -- riguv-, riguvik
 Asexual reproduction -- riguv-kanashivaya
 Ash(es) -- vitush
 Ashamed -- kafus-, kafusik
 Ask -- ya'akash (anc.)
 Aspect (n.) -- pulva
 Aspect ratio (aero.) -- rala-pul-tavat
 Asphalt -- solektra-urm; elyutau-urm
 Assay (v.) -- tukh-nisau
 Assayer -- tukh-nisau
 Assemble -- feretau
 Assembly (gathering) -- feretaya
 Assembly (mech.) -- feretai
 Assimilate -- vinem-tor

Assimilated, to be -- puvinem-tor
 Assimilation -- vinem
 Assist (v.) -- gol-tor
 Associate -- katravahsu (n.), katravah (v.)
 Association -- katravek
 Associative learning -- katravek-orenan
 Associative memory -- katravek-vokaya
 Associative storage -- katravek-tsoraya
 Assortative mating -- ka-ves-katelaya
 Astatine -- dvor-tukh
 Asteroid -- pi'ek'tra
 Asthenia -- fam-karik'es-nosh
 Asthenosphere -- abru-tvi-kovtra
 Astringent (n.) -- (wadi-)wufkau-tukh
 Astrobleme -- skrash-kwul-razh
 Astrogator -- stukh-kharayek
 Astrogeology -- s'udish-solektra-tal
 Astrometric sensor -- stukh-thonau-kashek
 Astronomer -- yel-talsu
 Astronomy -- yel-tal
 Astrophysicist -- stukh-talsu
 Astrophysics -- stukh-tal
 Asymmetric -- ritalikalik
 Asymmetry -- ritalikal
 Ataraxis -- kash-hayal'es
 Athazagoraphobia -- zhuk-fak-pthak
 Atmosphere -- igen-tukh
 Atmospheric line -- sov-ne'hish-zehl
 Atmospheric motion -- sov-dvun
 Atmospheric pressure -- sov-ne'hish
 Atmospheric tides -- sov-ne'hish-mashenlar
 Atmospheric water -- sov-masu-nakh
 Atom -- galu
 Atomic -- galu-, galupik
 Atomic bomb -- galu-thorshek
 Atomic clock -- galu-wak-vel
 Atomic energy -- galu-tepul
 Atomic mass -- galu-shivak
 Atomic number -- galu-su'us
 Atomic structure -- galu-velek
 Atomic weight -- galu-rasath
 Atresia -- fam-sharushan-nosh
 Atrium -- tvi-shal
 Attack -- nashiv, nashiv-tor
 Attainment -- bai'elkhrul-akteiben (anc.)
 Attitude control (aero.) -- hash-shul-tash
 Attitude indicator -- hash-shul-yal
 Attract -- skamau
 Attraction -- skamaya
 Atychiphobia -- vpravshaya-pthak
 Audible -- zhu-yehat
 Audiofrequency -- zhu-vakav'es
 Audiology -- ralash-tal

Auditory canal -- zhu-ur
 Auditory center -- zhu-svitan (t'shad)
 Auditory nerve -- zhu-wel
 Auditory ossicles -- zhu-pi'hineklar
 Aunt -- ezyet (anc.)
 Aural -- kaluk-, kalukik
 Auricle (of ear) -- si-kaluk
 Aurophobia -- kin-tukh-pthak
 Aurora -- igen-gellar
 Autecology -- shatri-malat-tal
 Author -- kitausu
 Authority -- ek'te'kru
 Authorize -- ek'te'kau
 Autism -- saktra-nosh
 Autistic -- saktra-, saktraik
 Autoclave (n.) -- ne'hish-falek-vel (chem.); ne'hish-ek'puyek (med.)
 Automate -- shatilau
 Automatic -- shati-, shatik
 Automatic camera -- shati-glayek
 Automatic control -- shati-tash
 Automatic docking system -- shati-kifau-torektra
 Automatic door -- shati-svep
 Automatic exposure -- shati-sashavaya
 Automatic frequency control (AFC) -- shati-vakav'es-tash
 Automatic gain control -- shati-nazh-tash
 Automatic gate -- shati-temep
 Automatic landing system -- shati-fisolekau-torektra
 Automatic mixture control -- shati-rish-tash
 Automatic phase control -- shati-wek-tash
 Automatic pilot -- shati-hashek
 Automatic shutter -- shati-ha'wein
 Automatic stabilizer -- shati-tahetilayek
 Automatic transmission -- shati-mesmishek
 Automatic tuning -- shati-tvelkaun
 Automatic voltage regulator -- shati-toruk-pakhartayek
 Automatic volume control -- shati-ral'es-tash
 Automatic weather station -- shatik igen-va-wurzel
 Automation -- shatilaya
 Automysophobia -- pukitork-pthak
 Autonomic -- sa'a, sa'atik
 Autonomic movement -- sa'a-dvun
 Autonomic nervous system -- sa'a-wel-torektra
 Autonomic reflex -- sa'a-tvisek
 Autonomous -- sa'a-, sa'atik
 Autonomous vehicle -- sa'a-hali
 Autopilot -- shati-hashek
 Autopsy (n.) -- tevikeh-nisaya
 Autorotation -- sa'a-dan
 Autosome -- riguv-toltra
 Autostabilizer -- shati-tahetilayek
 Autotropic -- shai-torvau-, shai-torvauk
 Autumn (season) -- Tasmin, "Tasmeen" (colloquial); urozh-wak (scientific)
 Autumnal equinox -- ka-wak-gad t'urozh-wak

Auxiliary -- kvath-, kvathik
 Auxiliary air intake -- kvathik sov-prah-vel
 Auxiliary control (room) -- kvath-tash-svitan
 Auxiliary core -- kvath-tviyan
 Auxiliary lift motor -- kvath-aberau-mishu
 Auxiliary power -- kvath-tepul
 Auxiliary power interface -- kvath-tepul-tvihanek
 Auxiliary rotor -- kvath-pi'dayek
 Auxiliary switch -- kvath-dvelek
 Auxiliary tank -- kvath-tuhlek
 Auxin -- wu-dau-tukh
 Auxocyte -- du-dahsau-nala
 Auxometer -- sukmaxhau-tepul-thonek
 Available -- la'ka-yehat
 Available light -- la'ka-ha'gel
 Available power -- la'ka-tepul
 Avalanche -- (suk')izh-skish; (suk')kov-skish
 Average (adj.) -- bov-, bovik
 Average -- bov, bov-tor
 Average current -- bov-katrom
 Average curvature -- bov-tchakat
 Average speed -- bov-threshan
 Aversive stimulus -- tehn-kastoran
 Avian (adj.) -- kushel-, kushelik
 Aviator -- (sayik) hashsu
 Aviatrice -- (koyik) hashsu
 Avid -- nayik
 Avulsion -- sa-tres
 Awe -- tesha, teshan
 Awed, to be -- putesha
 Awl -- razhek
 Ax(e) -- la'ash
 Axenic -- riakan(-); wuh-koshtri-, wuh-koshtrik
 Axial compressor -- da-sfek-lerakovayek
 Axial engine -- da-sfek-mishu
 Axial flow turbine -- da-sfek-yumauk mor-dayek
 Axial ratio -- da-sfek-tavat
 Axial response -- da-sfek-kesaya
 Axial vector -- da-sfek-vukharat
 Axil -- fek-tersau-vul
 Axile -- svitan-fekik
 Axiom -- ka'yed (anc.)
 Axis -- da-sfek
 Axis of symmetry -- talikal-da-sfek
 Axle -- da-fek
 Axle weight -- da-fek-rasath
 Axon -- wel-elakh
 Axonal amplifier -- wel-elakh-ashenayek
 Axonometry -- thon t'khush-da-sfek
 Azimuth -- ir-zehl-kes
 Azimuth angle -- vulu t'ir-zehl-kes
 Azimuth marker -- ulidek t'ir-zehl-kes
 Azonal soil -- rivin-solek

Azoospermia -- ovsotik sa-nei-fam
 Azotemia -- pid-sovu-vok svi'khaf
 Azoturia -- pid-sovu-vok svi'vazh
 Azygous -- ri-shifik
 Azymia -- fam-zalu-nosh

 Baby -- kan-bu
 Baccate (adj.) -- nei-savas-kahk
 Bacillemia -- nosh t'fek-talvot svi'khaf
 Bacillophobia -- pthak t'numo-ha-veller
 Bacilluria -- nosh t'fek-talvot svi'vazh
 Bacillus -- fek-talvot
 Back (n.) -- pla'dor
 Back mutation -- za-tselaya
 Back pressure -- pla-ne'hish
 Back up (v.) -- pla-tor (reverse); kvath-korsau (save)
 Backbone -- plat
 Backdraft -- zafnalan
 Backfire -- po-thorshau, po-thorshaya
 Backflow (n.) -- pla-yumaya
 Background (n.) -- za-mesu
 Backshore -- pid-shahov
 Backswamp -- ne-flash
 Backup (adj.) -- kvath-, kvathik
 Backup data network -- kvath-faik-vistra
 Backup file -- kvath-deik
 Backward(s) -- pla'rak
 Backwash -- sayumaya
 Backwater -- pla-masu
 Bacteremia -- nosh t'talvot svi'khaf
 Bacterial -- talvot-, talvotik
 Bactericide -- talvot-stau-tukh
 Bacteriology -- talvot-tal
 Bacteriophobia -- talvot-pthak
 Bacterium -- talvot
 Bacteruria -- nosh t'talvot svi'vazh
 Bad -- rasahkos (anc.)
 Baffle (n.) -- hertak
 Baffle plate -- hertak-math
 Bag -- sa'haf
 Bajoran -- Beidzhorsu
 Bake -- leipau
 Baker -- leipausu
 Bakery -- leip-kel
 Balance (equilibrium) -- vo'ektau, vo'ektaya
 Balance (scales) -- vo'ekti
 Balance arm -- vo'ek-kar
 Balance bar -- vo'ek-mofek
 Balance box -- vo'ek-natuhn
 Balance crane -- vo'ek-aberayek
 Balance point -- vo'ek-sfek
 Balance spring -- vo'ek-mopakuv
 Balance weight -- vo'ek-rasath

Balance wheel -- vo'ek-halek
 Balanced amplifier -- vo'ektal-ashenayek
 Balanced circuit -- vo'ektal-raf-kuv
 Balanced network -- vo'ektal-vistra
 Balanced polymorphism -- ka-wehk-shidan
 Balanced system -- vo'ektal-torektra
 Balcony -- fah-yat (anc.)
 Ball -- dukal
 Ball bearing -- dukal-kuvish
 Ball cock -- markau-kar-spunek
 Ball lightning -- dukal-igen-wesh
 Ball valve -- dukal-spunek
 Ball-and-socket joint -- dukal-guf-lesek
 Ball-peen hammer -- dukal-patamik mah-vel
 Ballast (ship) -- tihet'es-rasath-tukh
 Ballistics -- tal t'dvunan-vel svi'seshan-vunai
 Balloon (n.) -- sov-dukal
 Balneology -- wu'sibau-tal
 Band (n.) -- zhel
 Bandage -- zhumav
 Banish -- sahasau
 Banishment -- sahasaya
 Bandsaw -- zhel-zuneshek
 Bank -- kutra
 Banner -- hai-fan
 Bar (metal) -- mofek
 Bar code -- fek-kiht
 Bar graph -- fek-besan
 Bar magnet -- fek-seshan-kov
 Barchan -- dah-stonn-sef
 Bare -- wein-fam(-), wein-famik; sai-fam(-), sai-famik
 Bare conductor -- wein-fam-spayek
 Barefoot (adj.) -- sai-fam-ash'yaik
 Barge (n.) -- tus-hali
 Barium -- zon-tukh
 Barium sulfate -- vlau-keh-eshu t'zon-tukh
 Bark (botany) -- lap-wadi, kas-wadi
 Barn -- aushfa-kel
 Barograph -- sov-ne'hish-besan(ek)
 Barometer -- sov-ne'hish-thonek
 Barrel -- subok (container); wun-mev (gun)
 Barrier -- foshek
 Baryon -- pu'gal
 Baryon number -- pu'gal-su'us
 Baryon sensor -- pu'gal-kashek
 Basal body -- nen-vukhut
 Basal ganglia -- nen-weltralar
 Basalt -- ushek (anc.)
 Base -- sovash (chem.); nen (foundation); nen-su'us (number)
 Base angle -- nen-vulu
 Base level -- nen-tin
 Base metal -- u'mokev
 Base pair -- nen-shif

Base unit -- nen-kebi
 Base vector -- nen-vukharat
 Baseboard -- temok-nen-dohn
 Baseline -- nen-zehl
 Basement -- ne-shal
 Bashful -- fus-, fusik
 Basic (easy, simple) -- vel-, velik
 Basic (fundamental) -- nen-, nenik
 Basket -- ki'haf (anc.)
 Basophilic -- sovash-ashauk
 Bass (low frequency sound) -- neralash
 Bass boost -- neralash-aboraya
 Bass frequency -- neralash-vakav'es
 Bast (botany) -- si-tin t'lap-vukhut
 Batch (n.) -- def
 Bath -- wu'sibav (anc.)
 Bathe -- wu'sibau
 Batholith -- neik-zul-kov
 Bathophobia -- gluder-pthak
 Bathyal zone -- glu-masutra-shal
 Bathybic -- glu-masutra-, glu-masutraik
 Bathycardia -- nosh t'neik-khaf-spol
 Bathylimnetic -- glu-suk'muzh-hatik
 Bathymetry -- glu-masutra-thonaya
 Bathyscaph -- glu-masutra-hali
 Bathysphere -- glu-masutra-vel
 Battery (elect.) -- kipof
 Battery booster -- kipof-aborayek
 Battery charger -- kipof-falunayek
 Baud -- glantokau-threshan
 Baud rate -- glantokau-threshan-tav
 Bauxite -- wan-tukh-van
 Bawl (v.) -- vlei, tusa
 Bay (n.) -- tchol
 Bayonet -- pohshek-tilek, pohshayek-tilek
 Be (v.) -- nam-tor
 Beach -- shahov
 Beach cusp -- dah-stonn-pi'sef (t'shahov)
 Beacon -- glaribek
 Beak iron -- mah-vihpan-stonn
 Beam (constr.) -- zeh
 Beam (ray) -- ha'zehl; (-)zehl
 Beam antenna -- ha'zehl-kash-gel
 Beam emitter -- ha'zehl-sayek
 Beam force selector -- ha'zehl-nekwitau-dvelek
 Beam splitter -- ha'zehl-dahshayek
 Beam width selector -- ha'zehl-eik'es-dvelek
 Bear -- lesh (carry, support); keshta (give birth to)
 Beard -- hisahk
 Bearing (mech.) -- kuvish
 Bearing wall -- lesh-temok
 Beat (v.) -- kuhsh-tor
 Beautiful -- vaksurik

Beauty -- vaksur
 Because -- fai'ei (TGV); fayei (MGV)
 Beckon -- takau
 Become -- shetau
 Bed -- sar-tak (furniture); lan-tol (geology)
 Bedrock -- nen-kov
 Bedroom -- shi'yuk
 Beetle -- sark
 Before (in front of) -- fa'
 Begin -- palikau
 Beginning -- palikaya
 Behave -- kloshah
 Behavior -- kloshai
 Behind (prep.) -- za'
 Beige -- ha'mazhiv-kur
 Being (lifeform) -- hasu
 Belemnoid -- kli-shidik
 Belfry -- kus-vakh-kispek
 Belief -- dva
 Believe -- dva-tor
 Believed, to be -- pudva-tor
 Believer -- dvasu
 Bell -- kus-vakh
 Bell curve -- tuh-tsa
 Bell metal -- kus-vakh-mokev
 Bellow (v.) -- vlei
 Belly (n.) -- nehg
 Belly tank -- ne-tuhlek
 Below -- ne'
 Belt -- zhel (mech., etc.); san-zhel (clothing)
 Belt drive -- zhel-yeturek
 Benamite crystal -- benam-tukh-khush
 Bench -- wu-ku-san (seat); zhuk-pasu (work surface)
 Bend -- vulau, vulaya
 Beneath -- ne'rak
 Benefit -- rufai (n.); rufah (v.)
 Benign -- rigath
 Benthic zone -- masu-lanet-shal
 Benthos -- ha-vellar t'masu-lan-tol
 Benzene -- kukev(-tukh)
 Benzene ring -- kukev-mokuv
 Berkelium -- reh-tukh
 Berry -- nei-savas
 Beryl -- dzhan(-khush)
 Beryllium -- dzhan-tukh
 Beside -- be'
 Bet -- sihau, sihaya
 Beta decay -- tih-nehaya
 Beta emitter -- tih-sayek
 Beta particle -- tih-pi'gal
 Beta radiation -- tih-saya
 Beta rays -- tih-zehllar
 Betazed (person/language) -- Beitazedsu

Béton -- nok
 Béton armé -- fokarikal-nok
 Betray -- svik-tor
 Betrayal -- svik
 Betrayed, to be -- pusvik-tor
 Better -- weh-rom
 Between -- svi'
 Bevel -- vulumau, vulumaya
 Bevel gear -- vulu-zud-halek
 Beyond -- mesakh
 Bezel -- ek'zer-tam (gemology); makh-meskarayek (watch, etc.)
 Bézier curve -- tsa t'Kusak
 Biaxial -- dah-da-sfekik
 Bibliophobia -- dunap-pthak
 Bicentric -- dah-svitan-, dah-svitanik
 Bicentric distribution -- dah-svitan-shitaya
 Bicuspid (adj.) -- dah-sfek-, dah-sfekik
 Bicycle -- dah-halek
 Bidirectional -- dah-kharat-, dah-kharatik
 Biennial (adj.) -- dah-tevunik
 Bifacial leaf -- dah-limuk-mor
 Bifid -- dah-krusik
 Big -- suk, suk'
 Bigeneric -- dah-komak-, dah-komakik
 Bigeneric hybrid -- dah-komakik rish-ha-vel
 Bilabiate -- dah-bru-, dah-bruyik
 Bilateral -- dah-vla-, dah-vlaik
 Bilateral symmetry -- dah-vla-talikal
 Bile -- thel'a-zalu-masu
 Bile duct -- thel'a-zalu-mev
 Bile salts -- thel'a-zalu-alemlar
 Bilge -- smashau-shal (t'masu-hali)
 Bilge keel -- tehn-padukau-ralek (t'masu-hali)
 Bilge pump -- smashau-shal-spunek (t'masu-hali)
 Biliary tract -- thel'a-zalu-ek'ur
 Bimanual (adj.) -- dah-el'ruhik
 Binary (adj.) -- dah-, dahik; dah-krus-, dah-krusik
 Binary code -- dah-kiht
 Binary fission -- ek'dahsaya
 Binary notation -- dah-pitohat
 Binary scale -- dah-mathu
 Binary star -- dah-yel
 Binaural -- dah-kaluk-zhuyik
 Binocular (adj.) -- dah-bezhun-, dah-bezhunik
 Binoculars -- dah-zan-vel
 Binomial (n.) -- dahsu'us
 Binomial array -- dahsu'us-zehlaya
 Binomial coefficient -- dahsu'us-kakratulek
 Binomial distribution -- dahsu'us-sagan
 Binomial function -- dahsu'us-kek
 Binomial theorem -- dahsu'us-kek'yed
 Binovular twins -- t'dahsular s'natya-yu-murlar
 Bio-scanner -- ha-glashayek

Biochemistry -- ha-meil-tal
 Bioclastic rock -- ha-zarahk-kov
 Bioclimatology -- ha-ek'nosh-tal
 Biodiversity -- ha-don-ka'es
 Biogenic -- ha-torvauk, ha-storauk
 Biogenic compound -- ha-storau-tukh
 Biogenesis -- ha-storaya
 Biogeography -- ha-solektra-tal
 Biohazard -- ha-tehvar
 Biological -- ha-, hatik
 Biological clock -- ha-wak-vel
 Biological control -- ha-tash
 Biological race -- ha-koshtri
 Biological warfare -- ha-vel-ahkhan
 Biology -- ha-tal
 Bioluminescence -- ha-ha'tanaya
 Biomass -- hatra
 Biome -- ha-kas-shal
 Biometeorology -- igen-va-tal t'ha-vellar
 Biomimetic gel -- ha-va'amau-khlup
 Biophysics -- ha-tor-tal
 Biopsy (n.) -- nalatra-nisan
 Biosphere -- ha-ek'shal
 Biostratigraphy -- ha-tin-tal
 Biosynthesis -- ha-fereikan
 Biosynthetic limb -- ha-sutorik sikrus
 Biota -- shal-ha-veltra
 Biotic -- ha-, hatik
 Biotic association -- ha-katravek
 Biotic barrier -- ha-foshek
 Biotic factor -- ha-klai
 Biotite -- nesh-timazh-kov
 Biotopographic -- ha-solektra-shidik
 Biotroph -- sakasu-nalatra-neshuhk
 Biotype -- ha-ves
 Biozone -- wak-ha-shal
 Bipedal -- dah-mal-latesik
 Bipinnate -- dah-patik
 Bipolar coordinate -- dah-naik shi-kethel
 Bipyramid -- dah-rekun
 Biramous -- dah-gel-, dah-gelik
 Bird -- kushel
 Birth -- keshtan
 Birthday -- gad t'keshtan
 Birthmark -- keshtan-kur-vel
 Bisect -- dah-nesh-tor (cut); dahlefau (math.)
 Bisector -- dahlefayek
 Bisexual (adj.) -- dah-guv-, dah-guvik
 Bisexuality -- dah-guv'es
 Bismuth -- grok-tukh
 Bisphenoid -- dah-shihvek-vel
 Bite -- zeshau, zeshaya
 Bitter -- sfith(-)

Bitumen -- vesuhl (anc.)
 Black -- nesh-kur
 Black hole -- stukh-wak-razh; pash-yel
 Blacksmith (n.) -- shek-zhuksu
 Blade (n.) -- (wun-)mor
 Blade angle -- mor-vulu
 Bladder (anat.) -- vazh-sa'haf (TGV), vazhaf (MGV)
 Blame -- tenah, tenai
 Blanket (bedding) -- yuk-sai
 Blast -- thorshau, thorshaya
 Blast shutter -- thorsh-fo-wein
 Blastocyst -- tab-nala-dukul
 Blaze (n.) -- yon
 Bleach -- laf-, lafau
 Bleaching -- lafaya
 Bleed -- khafau
 Bleeding -- khafaya
 Blend -- herish, herish-tor
 Blender (device) -- herishek
 Blennophobia -- shuhk-pthak
 Blepharitis -- bezhun-wein-yonshaya
 Bless -- kudau
 Blessing -- kudaya
 Blight (n.) -- luk-has
 Blind (adj.) -- glan-fam
 Blind, The -- Glan-famu
 Blindness -- glan-fam'es
 Blister (n.) -- yontau-masu-vihk
 Blivet -- hal-tukh-sa'haf
 Blizzard -- izh-sahriv
 Blob -- vihk
 Block -- klotau (v.); vihpan (chunk of wood, etc.)
 Blockage -- klotaya
 Blood -- khaf
 Blood cell -- khaf-nala
 Blood clot -- khaf-vihk
 Blood coagulation -- khaf-vihkaya
 Blood count -- khaf-tum
 Blood donor -- khaf-tansu
 "Blood fever" -- plak-tau (anc.)
 Blood flow -- khaf-yumaya
 Blood group -- khaf-maat
 Blood plasma -- (bosh-)khaf-masu
 Blood poisoning -- khaf-gisaman
 Blood pressure -- khaf-ne'hish
 Blood sugar -- khaf-slor-tukh
 Blood test -- khaf-nisan
 Blood typing -- khaf-vesaya
 Blood vessel -- khaf-mev
 Bloom -- svai, svai-tor (flower); sposhan (explosive growth)
 Blooming -- svai-tu'ashya
 Blow (v.) -- salur
 Blow up (v.) -- thorshau (explode); visovau (inflate)

Blower (device) -- salur-vel
 Blown sand -- salan-mazhiv
 Blowpipe -- salur-mev
 Blue (color) -- pla-kur
 Blue-green (color) -- pla-yar-kur
 Blueprint (n.) -- torvau-besan
 Blunt (adj.) -- pas-, pasik (not sharp); it-fam (tactless)
 Board (n.) -- dohn
 Boat -- masu-hali
 Body -- vukhut
 Body cavity -- vukhut-pi'tauk
 Bog (n.) -- flasikh
 Bohrium -- leh-reh-tukh
 Boil (med.) -- pi'tak
 Boil (v.) -- kan-tor
 Boiler -- kanek
 Boilermaker -- kanek-zhuksu
 Boiling point -- kan-falek'es
 Bold -- vakh
 Bole (botany) -- lap-fek
 Bolide -- thorsha-wesh-kov
 Bollard -- kif-lehk
 Bolt (mech.) -- terk, terkau
 Bolus -- yemtra
 Bomb -- thorshek; thorshkau
 Bombardment -- thorshkaya
 Bomber (vehicle) -- thorshek-hali
 Bonanza -- don-kut (anc.)
 Bond -- tel, tel-tor
 Bonded (adj.) -- telik
 Bonded, One who is -- telsu
 Bonding (n.) -- telan
 Bone -- hinek
 Bone marrow -- hinek-masu
 Book -- dunap
 Bookbinder -- dunapshausu
 Bookbinding -- dunapshaya
 Bookcase -- dunap-tsorayek
 Boolean algebra -- seht-su'us-ek'tal t'Seshet
 Boom (sound) -- ork, orkau
 Boost -- aborau, aboraya
 Booster -- aborayek
 Booster coil -- aborau-pakuv
 Booster pump -- aborau-spol
 Booster rocket -- aborau-yon-hashek, aborayek
 Booster station -- aborau-wurzel
 Boot (n.) -- kluf
 Border (n.) -- ek'zehl
 Bore (ocean.) -- pilash-mashen-pral
 Bore (v.) -- spitau
 Boreal climate -- pid-desh'rak-ek'nosh
 Boreal forest -- pid-desh'rak-laptra
 Boreal zone -- pid-desh'rak-shal

Boric acid -- sash t'rak-reh-eshu
 Boring (adj.) -- guhf-, guhfik
 Boring bar -- spitau-mofek
 Boring machine -- spitau-mishu
 Boring tool -- spitau-raul
 Born, to be -- pukeshta
 Boron -- rak-tukh
 Borrow -- yahv-tor
 Boss (n.) -- feihan
 Botany -- kastik-tal
 Both -- on
 Bother (v.) -- ertau
 Bottle -- mashek
 Bottle glass -- mashek-makh
 Bottom (n.) -- lanet
 Bouchon -- da-sfek-radet (t'wak-vel)
 Boulder -- suk'kov
 Bounce -- rukau, rukaya
 Boundary -- krup
 Boundary layer -- krup-tin
 Bow (n.) -- khom-krus (ship); kes-wun (weapon); ovulaya
 Bow (v.) -- ovulau
 Bowl -- yerak
 Bowstring -- kes-wun-elakh
 Box -- natuhn
 Boy -- sa-kan
 Bra -- thasek-dah'haf (TGV); thak-dahf (MGV)
 Brace (v.) -- fir-tor
 Bracelet -- kar-nik-zhel
 Brachialgia -- kar-kusut(-nosh)
 Brachiocephalic -- patam-kar-, patam-karik
 Brachycephalic -- pen-patam-, pen-patamik
 Brachycerous -- pen-kash-gelik
 Brachydactyly -- (ritsuri) pen-uk-nosh
 Bracing (n.) -- firan
 Bracing wire -- fir-mokelakh
 Bracket (n.) -- mad
 Brackish -- krus-alem-masupik
 Bradyarthria -- (ritsuri) vohri-stariben-nosh
 Bradycardia -- vohri-threshan-nosh t'kahf-spol
 Bradykinesia -- (ritsuri) vohri-dvun-nosh
 Bradylalia -- vohri-stariben-nosh
 Bradypnea -- vohri-threshan-eshan
 Braid -- pris, pris-tor
 Brain -- shi'nahp (TGV); shad (MGV)
 "Brain death" -- ek'tevakh
 Brain tumor -- shad-gnal
 Brain waves -- shad-katromlar
 Brake -- vohrau; vohrayek
 Brake band -- vohrau-zhel
 Brake drum -- vohrau-vluhn
 Brake lining -- vohrau-tvitaya
 Brake pad -- vohrau-trak

Brake parachute -- vohrau-tev-sai
 Brake shoe -- vohrau-shihvek
 Branch (n.) -- gel (path, segment); kas-gel (bush); lap-gel (tree)
 Branch (v.) -- gel-tor
 Branchiostegal -- masu-eshanek-weinik
 Brass -- dvesh-tukh
 Brazier -- fas-nentu (cooking); psethek (drying); lamekhek (warming)
 Bread -- kap
 Break -- shau, shaya
 Break into little pieces -- zarahk-tor
 Breaker -- (raf-)shayek (elect.); kik-pral (ocean.)
 Breakfast -- asal-yem
 Breakthrough -- sastoraya
 Breakwater -- pral-foshek
 Breast -- thasek (TGV); thak (MGV)
 Breast bone -- tuf-hinek
 Breast pump -- thas-spol
 Breath -- esh
 Breathe -- esh-tor
 Breathing -- eshan
 Breccia -- zarahk-teret-kov
 Breed (n.) -- kosh-ves
 Breeder reactor -- fereik-folayek
 Breeze (n.) -- pi'salan
 Brick -- dok
 Brick clay -- dok-krizhiv
 Bricklayer -- dok-torvausu
 Bridge -- tash-svitan (command center); mesut (span)
 Bright (adj.) -- ugel-, ugelik (light); klon-, klonik (smart)
 Brightness -- ugel'es
 Brilliance -- maut-ugel'es (brightness); maut-klon'es (intelligence)
 Brilliant (adj.) -- maut-ugelik (very bright); maut-klonik (very smart)
 Brine -- alem-masu
 Bring -- katau
 Brink (n.) -- rihk
 Brisket -- neik-tuf (t'aushfa)
 Bristle (n.) -- stegel-isach
 Brittle -- wei-shau-yehat
 Broad-leaf -- eik-mor-kastik, eik-mor-lap
 Broad-leaved -- eik-morik
 Broadcast -- sasau, sasaya
 Brochure -- dunesh
 Broken, to be -- pushau
 Bromine -- fnek-tukh
 Bronchial -- eshaf-mev-, eshaf-mevik
 Bronchiole -- pi'eshaf-mev
 Bronchitis -- eshaf-mev-yonshaya
 Bronchoscopy -- eshaf-mev-zanan
 Bronchus -- suk'eshaf-mev
 Bronze (n.) -- krish(-tukh)
 Brood (n.) -- kesh-travek
 Broom -- fnash-vel
 Brother -- sa-kai

Brown -- khav-kur
 Bruise (n.) -- wadi-yarek
 Brush (n.) -- achut
 Bruxism -- zud-grazhau-nosh
 Bryology -- yekuhl-tal
 Bubble -- duk, dukau
 Bucca -- nak
 Buccal cavity -- tvi-ru'lut(-pi'tauk)
 Buccal gland -- ru'lut-pi'nafek
 Bucket -- mashuk
 Buckle (n.) -- tersek
 Bud (n.) -- svai-mur (flower); krus-mur (leaf, stem, etc.)
 Buffer -- fukat, fukat-tor
 Buffer action -- fukat-torai
 Buffer battery -- fukat-kipof
 Buffer circuit -- fukat-raf-kuv
 Buffer solution -- fukat-meil-masu
 Buffeting (aero.) -- hash-hutaya
 Bug (v.) -- smertau
 Build -- torvau
 Builder -- torvausu
 Building -- kel
 Bulb (botany) -- kas-mur
 Bulkhead (aircraft/ship) -- tvi-temok
 Bull's-eye -- les-svitan
 Bump (n.) -- kad
 Bundle (anat.) -- slahtra
 Bunsen burner -- yontayek t'ek'tal-zup-shal
 Buoy -- (markau-)ulidayek
 Buoyancy -- abmarkan'es
 Buoyant -- abmarkan-, abmarkanik
 Burial -- visolektaya
 Burn -- yontau, yontaya
 Burner -- yontayek
 Bursa -- lesek-sa'haf (boshal k'masu)
 Bursiform -- sa'haf-shidik
 Bursitis -- lesek-sa'haf-yonshaya
 Burst -- thorau, thoraya
 Bury -- visolektau
 Bushing (mech.) -- radet
 Bussard collector -- tershayek t'Bussard
 Busy -- toran-, toranik
 But -- hi
 Butte -- (pa'ash-)kunel (non-volcanic); zul-kunel (volcanic)
 Butterfly valve -- mathra-spunek
 Buttocks -- pla'kruslar
 Button -- gonaf
 Buttress (n.) -- si-kel-nenikaya
 Buy (v.) -- mahr-tor
 Bypass -- pamutau, pamutaya; pamutayek
 Bypass pump -- pamutau-spol
 Bypass valve -- pamutau-spunek

Cabinet -- tsorayek
 Cable (n.) -- elakh
 Cable buoy -- (markau-)elakh-ulidayek
 Cable duct -- elakh-mev
 Cable release -- elakh-torai-vel
 Cable stitch -- elakh-og, elakh-og-tor
 Cabling -- elakhtra
 Cache -- tsorau, tsoraya
 Cache memory -- tsorau-vokaya
 Cacophobia -- watosh-pthak
 Cadaver -- tevikeh
 Cadet -- ne-lan
 Cadmium -- stal-tukh
 Cadmium sulfide -- vlau'u t'stal-tukh
 Caducous -- ten-tevan-, ten-tevanik
 Cage -- kraisek, kraiskau
 Calcaneus, Calcaneum -- timut-hinek
 Calcareous -- gav-, gavik
 Calciferous -- gav-alem-, gav-alemik
 Calcification -- hinekaya
 Calcination -- tukh-fasan
 Calcine -- fasu-tukh
 Calcite -- gav-khush-tukh
 Calcitonin -- hinek-dau-tukh
 Calcium -- hinek-tukh
 Calcium carbonate -- gavu t'hinek-tukh
 Calcium chloride -- lafu t'hinek-tukh
 Calculus -- pitoh-su'us-ek'tal (math.); nafek-kov (med.)
 Caldera -- ne'hal-zul-razh
 Calendar -- gad-besan
 Calf (anat.) -- vaukh
 Caliber, Calibre -- wun-fna-thon (gun), mev-fna-thon (pipe)
 Californium -- keh-tukh
 Caliper(s) -- mes-thonek
 Call (v.) -- vutau
 Call (out) to -- shoret
 Called, to be (communication) -- puvutau
 Called, to be (named) -- wimish
 Callous (anat.) -- stein
 Calm -- hayal
 Calorescence -- ha'gel-vish-vasaya
 Calorific value -- falek'es-saprah-tala
 Calyx (botany) -- svai-mortra
 Cam -- ok
 Camber -- aberala-tchakat (aero.); abru-tchakat (eng., mech.)
 Cambium (botany) -- to'ovau-tin t'lap-vukhut
 Cambium (med.) -- tvi-tin t'hinek-nalatra-wein
 Campanulate -- kus-vakh-shidik
 Camshaft -- ok-fek
 Camera -- glayek
 Camouflage -- pasut, pasutau
 Campaniform -- ub-shidik
 Campanile -- kus-vakh-kispek

Campanulate -- kus-vakh-shidik
 Can (container) -- mokuhle
 Can (v.) -- kup
 Canal -- mev (botany); masu-yut (waterway)
 Canard -- fa-rala
 Cancer -- rasahtra
 Candle(stick) -- ha'fek
 Canker (sore) -- wuk
 Cannibalism -- sha'ves-yokulan
 Cannon -- thorshun (old contraction of "thorsh-wun")
 Canopy -- krein (aero.); lap-wein-tin (botany); tevan-sai-vukhut
 Cantilever -- wuh-nodol-zeh
 Cantilever bridge -- wuh-nodol-zehik mesut
 Canyon -- spathel
 Cap (hat) -- taik
 Capacitance -- tsor'es
 Capacitor -- tsorek
 Capacity -- tsoh
 Capillary -- pi'khaf-mev
 Captain (n.) -- ot-lan (army/marines); khart-lan (naval/Starfleet)
 Capture -- kum, kum-tor
 Caravan -- nik'el (anc.)
 Carbon -- nol-tukh
 Carbon cycle -- ha-da-nel t'nol-tukh
 Carbon dioxide -- dah-eshu t'nol-tukh
 Carbon disulfide -- dah-vlau'u t'nol-tukh
 Carbon fixation -- nol-tukh-nodolaya
 Carbon monoxide -- eshu t'nol-tukh
 Carbon star -- nol-tukh-yel
 Carbon steel -- nol-tukh-pishek
 Carbon tetrachloride -- keh-lafu t'nol-tukh
 Carbon value -- nol-tukh-tala
 Carbonaceous -- nol-tukh-tuhlauk
 Carbonic acid -- sash t'masu-reh-eshu
 Carbuncle -- pi'takra
 Carburetor -- hal-sov-mishek
 Carcinogen -- rasahtra-torek
 Carcinoma -- wein-nala-rasahtra
 Card (n.) -- nop
 Cardassian -- Kardassu
 Cardiac arrest -- khaf-spol-pehkaya
 Cardiac muscle -- khaf-spol-dvunek
 Cardioblast -- tveshu-nala t'khaf-spol svi'ten-kan-bu
 Cardiology -- khaf-spol-tal
 Cardiomalacia -- ritsuri-kobatau-nosh t'khaf-spol-dvunek
 Cardiomyopathy -- has t'khaf-spol-dvunek
 Cardiovascular system -- khaf-ifis-torekra
 Carditis -- khaf-spol-yonshaya
 Care -- tun, tun-tor
 Care for (like) -- tishau
 Care for (tend) -- palutunau
 Careful -- tun-bosh
 Cargo -- tusla

Cargo bay -- tusla-sutauk
 Cargo hold -- tusla-tsorau-shal
 Cargo module -- tusla-natel
 Cargo pod -- tusla-tvi'haf
 Cargo storage complex -- tusla-tsorau-keltra
 Cargo transporter -- tusla-ifisek
 Cargo unit -- tusla-kebi
 Carmine (red color) -- kran-kur
 Carnelian -- pelkev
 Carnivore -- kahm-yokulsu
 Carnophobia -- kahm-pthak
 Carotene -- kas-zhar-kurek
 Carotid artery -- uzh-khaf-mev t'talu
 Carpal -- kar-nik-hinek
 Carpel -- kas-ko-krus
 Carpus -- kar-nik
 Carrier -- leshek
 Carrier filter -- lesh-kapol
 Carrier wave -- lesh-pral
 Carry -- lesh
 Carry out (to do) -- fitor
 Cart (n.) -- hal (anc.)
 Cartilage -- rihinek
 Cartilagification -- rihinekaya
 Cartography -- besan-tanaf
 Cartridge -- svekh
 Carve -- skrim-tor
 Carving (n.) -- skrim
 Caryopsis -- yartik-savas
 Cascade -- ash-yumau, ash-yumaya
 Case (event) -- nuf
 Casein -- thas-tesihk
 Caseous -- thuhk-kahk
 Casket -- natuhn (box); tevikeh-natuhn (coffin)
 Cast (v.) -- vishizhau (manufacturing); lehm-tor (throw)
 Cast iron -- vishizh-shek(-tukh)
 Cast out (v.) -- dakh (anc.)
 Cast steel -- vishizh-pishek(-tukh)
 Cast stone -- vishizh-kov
 Catabiosis -- tsuri nala-shakhuvaya
 Catabolism -- tepul-torek
 Catadromous -- yolmatrupik
 Catalyst -- torai-tukh
 Cataphyll -- neik-rimor
 Cataplexy -- zherka-kobatau-nashiv
 Catapult (n.) -- sashizhek
 Cataract (med.) -- bezhun-ripa'shaya
 Catarrh -- tvi-votaya t'prash-nala-tin
 Catch (v.) -- kum, kum-tor
 Catheter -- smashau-mev
 Cathode -- u'rak-narafek
 Cathode-ray tube -- u'gal-zehl-mev
 Cation -- a'rak-falun-krus

Catoptrophobia -- haulat-pthak
 Cattle -- kahtel (Vulcanized Terran word)
 Catwalk -- mesah
 Caudal fin -- harr-ralek
 Caudate -- harr-ma-, harr-mayik
 Cauldron, Caldron -- fas-matuhlek
 Caulescent -- kas-fek-mayik
 Caulk -- mafen, mafen-tor
 Cause -- aisha, aishan
 Caustic (n.) -- yontau-meil
 Caution -- yuzhat, yuzh-tor
 Cave -- tauk
 Cavern -- suk'tauk
 Cavity -- pi'tauk (body); zud-razh (tooth)
 Cay -- neik-vikuvtra
 Ceiling -- abru-tol
 Cell (biology) -- nala
 Cell culture -- nala-litra
 Cell cycle -- nala-da-nel
 Cell differentiation -- nala-natyantek
 Cell division -- nala-dahshaya
 Cell fusion -- nala-kaunshaya
 Cell growth -- nala-to'ovaya
 Cell membrane -- nala-wein
 Cell wall -- nala-temok
 Cellular -- nalatik
 Cellulitis -- nalatra-yonshaya
 Cellulose -- nen-kas-tukh
 Cement (n.) -- kluterek
 Center -- svitan
 Center of action -- torai-svitan
 Center of buoyancy -- abmarkan'es-svitan
 Center of gravity -- ne-seshan-svitan
 Center of mass -- shivak-svitan
 Center of pressure -- ne'hish-svitan
 Center of symmetry -- talikal-svitan
 Central force -- svitan-nekwitaya
 Central nervous system -- nen-wel-torektra
 Central processing unit (CPU) -- svitan-patorau-kebi (t'tum-vel)
 Centrifugal brake -- sadan-vohrayek
 Centrifugal casting -- sadan-vishizhaun
 Centrifugal clutch -- sadan-runemek
 Centrifugal fan -- sadan-sovek
 Centrifugal force -- sadan-nekwitaya
 Centrifugal pump -- sadan-spol
 Centrifuge (n.) -- (sadan-)dahshayek
 Centripetal force -- vidan-nekwitaya
 Centromere -- toltra-tersau-vel
 Cephalgia -- patam-kusut
 Ceramic -- kriz-, krizik
 Cerebellum -- dvunek-tash-svitan
 Cerebral abscess -- shad-pi'tak
 Cerebral blood flow -- shad-khaf-yumaya

Cerebral cortex -- si-tin t'nahp-tash-svitan
 Cerebral hemorrhage -- shad-khafaya
 Cerebral tumor -- shad-gnal
 Cerebrum -- nahp-tash-svitan
 Ceremony -- van-kal (anc.)
 Cerium -- pran-tukh
 Certificate -- to-kisev
 Cerulean (sky blue) -- igen-kur
 Cervical vertebra -- talu-hinek
 Cervix -- sudef-talu
 Cesium, Caesium -- zhaimasu-tukh
 Chaetophobia -- isachya-pthak
 Chain (made of links) -- naf-elakh (TGV), naflakh (MGV)
 Chain (series) -- weizehl
 Chain block -- naflekh-aberau-vihpan
 Chain conveyor -- naflekh-zheleshek
 Chain locker -- naflekh-tvi-shal
 Chain pump -- naflekh-spol
 Chain reaction -- weizehl-folaya
 Chain wheel -- naflekh-halek
 Chair -- ku-san (anc.)
 Chalk -- gav
 Chalk line -- gav-zehl
 Challenge -- kali-fi, kali-tor
 Chamber -- tvi-shal
 Champion -- skilamu (anc.)
 Change -- rubah, rubai
 Changed, to be -- purubai
 Channel (n.) -- glantokau-yut (telecomm.); faik-yut (computer); mashyut (water)
 Chaos -- nezhak
 Char (v.) -- yonol-tor
 Characteristic (n.) -- noshtra
 Charcoal (n.) -- yonol-tukh
 Charge (n., elect.) -- falun
 Charge (v.) -- vifalunau
 Charger (device) -- vifalunek
 Charging circuit -- vifalun-raf-kuv
 Charging current -- vifalun-katrom
 Charging voltage -- vifalun-toruk'es
 Chart -- besan; besau
 Chartreuse -- tehk-kur
 Cheat (v.) -- kravau
 Check (v.) -- rihamau
 Check digit -- rihamau-un
 Check valve -- pla-yumau-spunek
 Cheek -- nak
 Cheese -- thuhk
 Chef -- opilsu
 Cheilitis -- bru-yonshaya
 Chemical -- meil(-tukh)
 Chemical balance -- meil-vo'ektaya
 Chemical bond -- meil-tel
 Chemical compound -- meilaktra

Chemical energy -- meil-tepul
 Chemical equation -- meil-vo'ihn
 Chemical reaction -- meil-folaya
 Chemiluminescence -- meil-dakh-ha'tanaya
 Chemistry (study) -- meil-tal
 Chernozem -- nesh-solek
 Chert -- kohv-mazhiv-kov
 Chest (anat.) -- tuf
 Chew (v.) -- nal-tor
 Chief petty officer -- feihan
 Chilblain -- samek-yontaya
 Child -- kan
 Childbirth -- kan-keshtan
 Childhood -- kan-wak
 Children -- kanu (TGV), kanlar (MGV)
 Chiller (device) -- samuyek
 Chime (n.) -- kusek
 Chimney -- vuzh-mev
 Chine -- vukh-rihk
 Chinook (wind) -- lamekh-suk'kunel-salan
 Chip (n.) -- val
 Chiralgia -- el'ru-kusut
 Chitin -- yol
 Chlorinate -- lafitau
 Chlorination -- lafitaya
 Chlorine -- laf-tukh
 Chlorophyll -- kas-yar-kurek
 Choice -- dvel
 Choke (v.) -- khluhkau
 Chondroma -- rihinek-gnal
 Chondromalacia -- rihinek-mosaya
 Chondrosarcoma -- rihinek-rasahtra
 Choose -- dvel-tor
 Chosen, to be -- pudvel-tor
 Chromatic circle -- kur-da-kuv
 Chromatid -- toltra-kan
 Chromatin -- toltra-tukh
 Chromic acid -- sash t'slau-keh-eshu
 Chrominance -- kur-thon'es
 Chromium -- slau-tukh
 Chromodynamic light -- kur-toranu-ha'gel
 Chromoelectric force field -- fosh-vunai t'kur-raf-tepul
 Chromosome -- toltra
 Chromosome mapping -- toltra-besaun
 Chromosome set -- toltra-eku
 Chromosome sorting -- toltra-wihfelaun
 Chroniton -- wak'gal
 Chroniton beam -- wak'gal-zehl(ek)
 Chronometer -- wak-vel
 Chronophobia -- wak-pthak
 Chyle -- thel'a-yak(-masu)
 Chyluria -- ritsuri-nosh t'thel'a-yak svi'vazh
 Chyme -- ulef-skaun-yemtra

Cicatrix -- ulidar
Cilium -- nala-isach
Cinder cone -- vitush-kunel
Cinnabar -- masumok-tukh-van, vlau'u t'masumok-tukh
Circadian rhythm -- gad-da-nelik tvi-farr-dath
Circinate (botany) -- pakuvauk
Circle (n.) -- da-kuv
Circuit -- raf-kuv
Circuit breaker -- raf-kuv-shayek
Circuit diagram -- raf-kuv-ufesan
Circuit relay -- raf-kuv-gol'dvunek
Circuitry -- raf-kuvtra
Circular -- raf-kuv-, raf-kuvik
Circular measure -- raf-kuv-thon
Circular polarization -- raf-kuv-narakaya
Circular saw -- raf-kuv-zuneshek
Circular velocity -- raf-kuv-threshan
Circulate -- da-kuvau
Circulating current -- da-kuvau-katrom
Circulating pump -- da-kuvau-spol
Circulation -- da-kuvaya
Circulator -- da-kuvayek
Circulatory system -- da-kuvau-torektra
Circumference -- pa-thon t'da-kuv
Circumnutation -- kulan-to'ovaya
Cirque (geol.) -- ku-li-razh
Cirrocumulus (cloud) -- tra-tcha-wan
Cirrostratus (cloud) -- tin-tcha-wan
Cirrus (cloud) -- tcha-wan
Citric acid -- savas-sash
City -- kahr
Civilization -- sutenivaya
Clamp (n.) -- stek
Clan -- maat
Clarifier (device) -- pa'shayek
Clarify (explain) -- starpa'shau
Class (n.) -- mohrn
Classification -- mohrnaya
Classify -- mohrnau
Claustrophobia -- ikap-shal-pthak
Clavicle -- dol-hinek
Claw (n.) -- spahk
Clay -- krizhiv
Clean (v.) -- pu-tor
Clear (transparent) -- pa'shi-, pa'shik
Clear (v.) -- pa'shau
Clear air turbulence -- pa'shi-sov-wauk
Cleave (v., split) -- thresh-tor
Cleaver -- threshhek
Cleft -- thresh
Cliché -- pstheran
Cliff -- menal
Climate -- ek'nosh

Climate control -- ek'nosh-tash
 Climatic change -- ek'nosh-rubah
 Climatic trend -- ek'nosh-venek
 Climatic zone -- ek'nosh-shal
 Climatology -- ek'nosh-tal
 Climb (v.) -- man-tor
 Clinic -- pi'shi'has
 Clinometer -- (el'ru-)vul-thonek
 Clinophobia -- sar-tak-pthak
 Clitoridectomy -- ko-lok-snem
 Clitoris -- ko-lok
 Cloaca (zoology) -- ek'shaht-razh
 Cloak (clothing) -- to-sai
 Clock -- wak-vel
 Clod -- (solek-)vihk
 Clone (v.) -- tolasau
 Close (adj.) -- beyi-, beyik
 Close (v.) -- ikap-tor
 Closed (adj.) -- ikap-, ikapik
 Closed canopy (botany) -- ikap-lap-wein
 Closed circuit (n.) -- ikap-raf-kuv
 Closed interval -- ikap-tvi-eku
 Closed loop (n.) -- ikap-pakuv
 Closed set -- ikap-eku
 Closed subroutine -- ikap-ne-faikhartek
 Clot (n.) -- vihk
 Cloth -- sai
 Clothes, Clothing -- sai-vel
 Cloud (n.) -- wan
 Cloud bank -- wantra
 Cloud chamber -- wan-pi'shal
 Cloud cover -- wan-wein
 Cloudiness -- wan-sateh'es
 Club (n.) -- muhd (anc.)
 Clutch (mech.) -- dan-runemek
 Clutter (n.) -- pa-guhsh
 Cnidoblast -- ten-rakus-nala
 Coagulant -- vihk-tukh
 Coagulum -- vihk
 Coal -- kastik-kov
 Coalesce -- tert'o'ovau
 Coarse -- dir-, dirik
 Coast (n.) -- gef
 Coat (clothing) -- to-pal (anc.)
 Coating -- fi-wein
 Coaxial antenna -- dah-da-sfekik kash-ral
 Coaxial cable (coax) -- elakh t'dah-da-sfek (EDDS)
 Coaxial filter -- dah-da-sfekik kapol
 Coaxial relay -- dah-da-sfekik gol'dvunek
 Cobalt -- pla-tukh
 Cobalt chloride -- dah-lafu t'pla-tukh
 Coccolith -- guv-smol-mathra
 Coccus -- dukal-talvot

Coccygeal vertebra -- harr-hinek
 Coccyx -- harr-hinektra, tvi-harr
 Cochlea -- tvi-kaluk-pakuv
 Cockpit -- hashsu-shal
 Cocoon (n.) -- rada-wein
 Code (n.) -- kiht
 Coding capacity -- kihtau-tsoh
 Coding sequence -- kihtau-zehlanaya
 Coefficient -- kakratulek
 Coeliac -- feshek-, feshekik
 Coelom -- wuhr-vukhut-pi'tauk
 Coenzyme -- dah-zalu
 Coevolution -- ter-wakrubaya
 Cofactor -- ter-klai
 Coffin -- tevikeh-natuhn
 Cog -- halek-zud
 Coherent (adj.) -- thak-, thakik
 Coherent neutrino beam -- thak-ska'gal-zehl(ek)
 Coherent pulse -- thak-sagaya
 Cohesion -- terepaya
 Coil (n.) -- pakuv
 Coil spanner -- pakuv-mish-raul
 Coin (n.) -- buhn (anc.)
 Cold (adj.) -- samek(-)
 Cold front -- samek-praduk
 Colitis -- pekh-mev-yonshaya
 Collagen -- rinalaik slah-ketek
 Collapse -- neshau, neshaya
 Collate -- krus-zekau
 Colleague -- kazhuksu
 Collect -- ter-shau
 Collection -- ter-shaya
 Collector -- ter-shausu
 Collide -- terkwul-tor
 Collider (device) -- terkwulek
 Collision -- terkwul
 Collision bulkhead -- terkwul-tvi-temok
 Colon -- pekh-mev
 Colonel -- shal-lan
 Colony -- sashila
 Color -- kur, kur-tor
 Color analyzer -- kur-nisayek
 Color balance -- kur-vo'ektaya
 Color blindness -- kur-glan-fam
 Color correction -- kur-yehtan
 Color filter -- kur-kapol
 Color picture -- kur-bikuv
 Color separation -- kur-dahshaya
 Color temperature -- kur-falek'es
 Color vision -- kur-glan
 Colorimeter -- kur-thonek
 Colorimetry -- kur-thon
 Colostomy -- pekh-mev-sharutaya

Colpitis -- keshtan-ur-yonshaya
 Colpocele -- keshtan-ur-faka
 Colpoptosis -- keshtan-ur-set
 Colposcope -- keshtan-urik zan-vel
 Colpospasm -- keshtan-ur-runev
 Column (structural) -- tsek
 Coma -- ritevakh (med.); zehl-yel-tam (head of a comet)
 Comb -- (isachya-)dref, dref-tor
 Combat (n.) -- morov (anc.)
 Combination -- terish
 Combine (v.) -- terish-tor
 Combined, to be -- puterish-tor
 Combust -- yontau
 Combustion -- yontaya
 Combustion chamber -- yontau-tvi-shal
 Come -- sarlah
 Come out (v.) -- sasarlah
 Comet -- zehl-yel
 Command (v.) -- khartau
 Command processor -- khartau-patorayek
 Commander (naval/Starfleet) -- zhel-lan
 Commence -- palikau
 Commencement -- palikaya
 Comment -- tuhskau, tuhskaya
 Commission -- kadvin, kadvin-tor
 Commissioned, to be -- pukadvin-tor
 Commit -- kugau
 Commitment -- kugaya
 Commodore -- travek-lan
 Common -- tsuri(-)
 Communicate -- sviribau
 Communication -- sviribaya
 Communications laser -- sviribau-ha'zehlek
 Communications relay -- sviribau-gol'dvunek
 Communicator -- sviribayek
 Community -- shila (town); ha-travek (biology)
 Compact (v.) -- lerakhovau
 Compactor -- lerakhovau-vel
 Companion -- besu
 Companionship -- besu'es
 Compass (n.) -- seshan-kharat-thonek
 Compassion -- utan'es
 Compensate -- torabrau
 Compensator -- torabrayek
 Compete -- kuhlau
 Competition -- kuhlaya
 Competitive exclusion -- kuhlau-sanan
 Compile -- travilau
 Compiler (device) -- travilayek
 Complete (adj.) -- ovsot(-), ovsotik
 Complete (v.) -- ovsoh (anc.)
 Complex (adj.) -- wehkon-, wehkonik
 Composite -- tertin; tertitau

Compositor -- tertitayek
Compound (chem.) -- meilaktra
Compress (v.) -- lerakhovau
Compressed air -- lerakh-sov
Compression -- lerakh'es
Compressor -- lerakovayek
Compulsion -- riyeht-aitlun
Computer -- tum-vel
Computer bank -- tum-vel-kutra
Computer bay -- tum-vel-sutauk
Computer core -- tum-vel-tviyan
Computer display -- tum-vel-gluyayek
Computer interface -- tum-vel-tvihanek
Computer memory -- tum-vel-vokaya
Computer science -- tum-vel-ek'tal
Concave -- vi-tauk-, vi-taukik
Conceal -- ip-sut (anc.)
Concolorate (zoology) -- ka-kur-vlaik
Concrescence -- vinokaya
Concrete (material) -- nok
Concussion (med.) -- kwul-kolaya
Condensation -- sasov-saya (process); sasov-masu (liquid)
Condensation nucleus -- svitan-vel t'sasov-saya
Condenser (chem.) -- sasov-mashayek
Condition(s) -- nosh
Conduct (v.) -- spa-tor
Conduction -- span
Conductive -- spa-, spayik
Conductivity -- spa'es
Conductor (elect.) -- spayek
Cone -- thav (botany); ikun (geom. shape)
Confidence -- guhl'es
Configuration -- pazekaya
Configure -- pazekau
Confirm -- wugau
Confirmation -- wugaya
Confluence -- teret-yumaya
Confront -- nagau
Confrontation -- nagaya
Conglomerate (geol.) -- teret-kov
Conic section -- ikun-fna-krus
Conifer -- thav-lap
Connect -- tersau
Connecting dorsal -- tersau-ralek
Connection -- tersaya
Connective tissue -- tersau-nalatra
Connectivity -- tersa'es
Connector -- tersayek
Consanguinity -- teret-zulan'es
Consciousness -- hokni'es
Conservation -- korsaya
Conserve -- korsau
Consider -- panah-tor

Consistency -- tsurkan'es
Consistent -- tsurkan-, tsurkanik
Consolidate -- lerasha
Consolidation -- lerashan
Constant -- ek'ka-, ek'kayik (adj.), ek'kat (n.)
Constellation -- yel-nel-dath
Construct -- torvau
Construction -- torvaya
Constructive -- torvau-, torvauk
Consummate (v.) -- plathau
Contain -- tuhlau
Container -- tuhlek
Containment field -- tuhlau-vunai
Containment system -- tuhlau-torektra
Contaminate -- rislau
Contamination -- rislaya
Contents -- tuhllar
Continent -- ek'kovtra
Continental climate -- ek'kovtra-ek'nosh
Continental drift -- ek'kovtra-dvun
Continental plate -- ek'kovtra-math
Continental shelf -- sagefik ek'kovtra-sadvun-nef
Continental slope -- gosh-nefik ek'kovtra-sadvun-vul
Continue -- fator
Continuity -- fator'es
Continuum -- ek'eku
Control -- tash, tash-tor
Control board -- tash-dohn
Control circuit -- tash-raf-kuv
Control column -- tash-el'rek
Control console -- tashal (old contraction of "tash-shal")
Control current -- tash-katrom
Control panel -- tash-math
Control pedestal -- tash-nelka
Control rod -- (folayek-)tash-fek
Control voltage -- tash-toruk'es
Controlled, to be -- putash-tor
Controller -- tashkek (device); tashsu (person)
Contusion -- wadi-yarek
Convection -- da-kuv-falek'es
Converge -- teretau
Convergence -- teretaya
Convergent evolution -- teretau-wakrubaya
Convergent lens -- teretau-gelek
Convergent thinking -- teretau-nahan
Conversion -- rushan
Conversion factor -- rushan-klai
Conversion gain -- rushan-nazh
Conversion loss -- rushan-pak
Conversion ratio -- rushan-tavat
Convert (n.) -- rushansu
Convert (v.) -- rushan-tor
Converter -- rushanek

Convex -- satauk-, sataukik
 Convey -- zhelesh
 Conveyer -- zheleshek
 Convoy -- nik'el (anc.)
 Convulsion (med.) -- mahai
 Cook -- fassu; fas-tor
 Cooked, to be -- pufas-tor
 Cool (adj.) -- samu(-)
 Cool (v.) -- samuyau
 Coolant -- samuyau-tukh
 Cooler (n.) -- samuyek
 Cooperate -- terkadau
 Cooperation -- terkadaya
 Coordinate (n.) -- shi-kethel
 Coping saw -- tsa-zuneshek
 Copper -- khaf-tukh
 Copper ore -- yar-tukh, eshu t'dah-khaf-tukh
 Copper sulfate -- vlau-keh-esku t'khaf-tukh
 Coprophobia -- pekh-pthak
 Copse -- pi'laptra
 Copy -- va'asau, va'asaya
 Cord -- elakh
 Cordate -- khaf-spol-shidik
 Corditis -- elakh-yonshaya
 Core (n.) -- tviyan
 Core sample -- tviyan-li-fal
 Cornea -- bezhun-wadi
 Corneous -- stonn-lef'es-kahk
 Corner (n.) -- teruk
 Corolla -- kur-mortra
 Corona (astron., meteor.) -- pau
 Coronary artery -- uzh-khaf-mev t'khaf-spol
 Coronary bypass -- khaf-spol-pamutaya
 Coronary circulation -- da-kuvaya t'khaf-spol-dvunek
 Coronary occlusion -- khaf-spol-klotaya
 Coronary thrombosis -- vihk-klotaya t'khaf-spol
 Corporal (rank) -- neksu
 Corpse -- tevikeh (old contraction of "tevik-veh")
 Corpuscle -- el-nala
 Correct -- yeht, yeht-tor
 Correction -- yehtan
 Corridor -- tvur
 Corrie (geol.) -- ku-li-razh
 Corrode -- meilokul
 Corrosion -- meilokulan
 Cortex -- si-wein
 Corundum -- yon-khush
 Cosecant -- vath-sfek-aus
 Cosine -- vath-tavat-zes
 Cosmic dust -- stukh-grazhiv
 Cosmic rays -- stukh-ha'zehllar
 Cosmology -- stukhtra-tal
 Cosmos -- stukhtra

Cotangent -- vath-sfek-vel
 Cotyledon -- wuhr-nei-mor
 Cough -- huhsh, huhsh-tor
 Could -- kupi-
 Council -- shikh-orna
 Count (v.) -- tum-tor
 Counter (device) -- tumek
 Countermeasures -- tehnokatlar
 Country (nation) -- shasol (anc.)
 Couple (n.) -- shif
 Coupler -- teretek
 Coupling -- tersayek
 Courier -- skladasu
 Course -- rivak
 Course correction -- rivak-yehtan
 Course programming panel -- rivak-tumau-math
 Courteous -- nuhk
 Courtesy -- nuhk'es
 Cove -- pi'tchol
 Cover -- wein, wein-tor
 Cover glass -- wein-makh
 Cover paper -- wein-dun
 Cover slip -- numakh-wein
 Cowl -- weinat
 Crack -- treshau, treshaya
 Craft (vehicle) -- hali
 Cramp -- runelau, runelaya
 Crane (n.) -- aberayek
 Crane barge -- aberayek-(masu-)hali
 Crane magnet -- seshan-vel-aberayek
 Crane motor -- aberayek-mishu
 Cranial nerve -- patam-wel
 Cranium -- patam-hinektra
 Crank (n.) -- el'dayek (hand); dvudayek (mech.)
 Crankcase -- dvudau-natuhn
 Crankshaft -- dvudau-fek
 Crash -- tevul, tevulau; tevul-tor
 Crash test -- tevul-nisan
 Crater -- kwul-razh (impact); zul-razh (volcano); thorsh-razh
 Crawl (v.) -- ukrau
 Create -- fereik-tor
 Creation -- fereikan
 Creative -- fereik
 Creativity -- fereik'es
 Creator -- fereiksu
 Creator, The (God) -- Ofereiksu
 Crepuscular -- torupik du'neik-ha'gel-wak
 Crest -- dan-pid-sfek (geol.); sazasfek
 Crevasse -- glu-treshaya
 Crevice -- treshaya
 Crew (n.) -- (hali-)sutra
 Crewman (rank) -- nensu
 Crimp -- hesvulau, hesvulaya

Crimson -- hirat-kur
 Crisis -- burun
 Crisscross (n.) -- tuhs-tuhs
 Cristate -- sazasfek-mayik
 Critical -- burun-, burunik (in a crisis); bol-, bolik (vital)
 Critical angle -- bol-vul
 Critical frequency -- bol-vakav'es
 Critical humidity -- bol-sov-masu'es
 Critical mass -- bol-shivak
 Critical pressure -- bol-ne'hish
 Critical rate -- bol-tav
 Critical size -- bol-suk'es
 Critical speed -- bol-threshan
 Critical temperature -- bol-falek'es
 Critical voltage -- bol-toruk'es
 Critical volume -- bol-mog'es
 Crop(s) -- urozh (anc.)
 Cross -- tuhs, tuhsau; mes-tor
 Cross fire -- tuhs-pohshaun
 Cross hair -- tuhs-isach
 Cross section -- fna-krus
 Cross-breeding -- rish-kosh-vesaya
 Cross-country (adj.) -- mes-solektra-, mes-solektraik
 Cross-cultural -- mes-iyula-, mes-iyulaik
 Cross-examination -- tuhs-linisaya
 Cross-examine -- tuhs-linisau
 Cross-eyed -- tuhs-bezhun-, tuhs-bezhunik
 Cross-fertilization -- rish-vikantaya
 Cross-index (v.) -- mes-nakh-tor
 Cross-legged (adj.) -- tuhs-mal-, tuhs-malik
 Cross-national -- mes-shasol-, mes-shasolik
 Cross-pollinate -- rish-kas-vikantau
 Cross-pollination -- rish-kas-vikantaya
 Cross-reference (n.) -- tuhs-dzhinaya
 Crossable -- mes-yehat
 Crossbar -- tuhs-mofek
 Crossbow -- dvudau-kes-wun
 Crossbreed (n.) -- rish-ha-vel
 Crosscurrent -- mes-katrom
 Crosscut saw -- tuhs-nesh-zuneshek
 Crossing -- mes (place where crossed); mesan (act of crossing)
 Crossover (n.) -- abru-mes
 Crossroad -- tuhs-yut
 Crosstown (adj.) -- mes-kahr-, mes-kahrik
 Crosswalk -- su-mes
 Croup (med.) -- kan-huhsh
 Crowbar -- ihv-mofek
 Cruciate -- tuhs-shidik
 Crucible -- klim-yerak
 Crucible furnace -- klim-yerak-fasek
 Crucible tongs -- klim-yerak-el'abrashayek
 Cruciform -- tuhs-shidik
 Cruise control -- shati-threshan-tashek

Cruise missile -- besan-yon-kliton
 Crumble (v.) -- snaipau
 Crush (v.) -- plesh-tor
 Crust (n.) -- puhnk (bread, etc.), si-kov-shal (geol.)
 Cry -- maf, maf-tor
 Cryogenic (adj.) -- samu-tor-, samu-torik
 Cryogenic fluid -- samu-tor-masu
 Cryogenics -- samu-tukh-tal
 Cryometer -- samu-thonek
 Cryophilic -- samek-ashauk
 Cryophobia -- samu-pthak
 Cryosphere -- le-suma-ek'shal
 Cryostat -- samu-dvelek
 Crypt -- brag
 Cryptozoic -- ip-hatik
 Cryptozoology -- tal t'ip-ha-vellar
 Cryptozoon -- ip-ha-vel
 Crystal -- khush
 Crystalline -- khushik
 Crystallization -- khushaya
 Crystallize -- khushau
 Crystallography -- khush-ek'tal
 Cubbyhole (n.) -- sha'ti (anc.)
 Cube (n.) -- sheh-muk (shape); rehs'us (number)
 Cube (v.) -- rehsau
 Cube root -- rehs'us-gir
 Culm -- lesek-pi'fek
 Cultivate -- sokasitau
 Cultivation -- sokasitaya
 Cultivator (equip.) -- sokasitayek
 Culture (n.) -- iyula (beliefs & customs, etc.); sokulm (biology)
 Culvert -- smash-yut
 Cumulative (adj.) -- tabruk-, tabrukik
 Cumulonimbus (cloud) -- tra-masu-wan
 Cumulus (cloud) -- tra-wan
 Cuneate -- shivek-shidik
 Cuneiform -- shivek-shidik (adj.); shivek-kitaun (writing)
 Cup -- monek
 Cupboard -- tsorayek
 Cupola -- relk
 Curb (n.) -- yut-del
 Cuprite (a copper ore) -- eshu t'dah-khaf-tukh
 Cupulate -- monek-shidik
 Cupule -- monek-vel
 Curable -- bohrau-yehat
 Curative (n.) -- bohrau-tukh
 Cure -- bohrau, bohraya
 Curettage -- has-theshaya
 Curet, Curette (n.) -- has-theshayek
 Curium -- dah-tukh
 Curl (n.) -- tcha
 Currency (money) -- donku
 Current -- katrom (elect., hydro.); masutra-pilash (ocean.)

Curtail -- pen-tor
 Curtain (n.) -- skahan (pl. skahanu)
 Curvature -- tchakat
 Curve (n.) -- tsa
 Curvilinear -- tsa-zehl-, tsa-zehlik
 Cusp -- sfek
 Cuspidate -- sfek-mayik
 Custody -- to-tashan
 Custom (n.) -- oyut
 Custom-built (adj.) -- wuhin-torvalik
 Custom-made (adj.) -- wuhin-tortik
 Customary -- oyut-, oyutik
 Customer -- klepovausu
 Cut -- nesh, nesh-tor
 Cutaneous -- wadi-, wadiyik
 Cute -- petakov (anc.)
 Cuticle (nail) -- felu-nen-wadi
 Cutter (device) -- neshek
 Cyan (color) -- hish-pla-kur
 Cyanic acid -- nol-sov-sash
 Cyanide -- nol-sovu
 Cyanobacterium -- pla-yar-talvot
 Cyanogen -- nol-sov-tukh
 Cyanosis -- (ritsuri) pla-wadi-nosh
 Cyanotic -- pla-wadi-noshik
 Cyberneticist -- kritash-ek'talsu
 Cybernetics -- kritash-ek'tal
 Cyborg -- kritashsu
 Cycle (n.) -- da-nel
 Cyclic (adj.) -- da-nel-, da-nelik
 Cyclist -- haleksu
 Cyclometer -- halek-dan-thonek
 Cyclone -- suk'sov-dan
 Cylinder -- tu'mev
 Cylindrical -- tu'mev-shidik
 Cyma -- oluhk-tsa
 Cymbal -- bling
 Cymophobia -- pral-pthak
 Cynic -- linsu
 Cynical -- lin-, linik
 Cynicism -- lin'es
 Cynopodous -- si-spahk-ash'yaik
 Cyst -- shaf
 Cystic -- shaf-, shafik
 Cystitis -- vazh-shal-yonshaya
 Cystoscope -- vazhaf-zan-vel
 Cystostomy -- vazhaf-tu'ashan
 Cystotomy -- vazhaf-neshan
 Cytochemistry -- nala-meil-tal
 Cytogenetics -- nala-tol-tal
 Cytology -- nala-tal
 Cytophilic -- nala-ashauk
 Cytoplasm -- (nen-)nala-tukh

Cytoskeleton -- nala-nenikaya
 Cytostatic -- nala-pehkauk
 Cytotechnologist -- nala-shasutansu
 Cytotechnology -- nala-shasutanan
 Cytotoxic -- nala-hasamik
 Cytotoxin -- nala-hasam

 Dacryo-adenitis -- yonshaya t'bezhun-masu-pi'nafek
 Dacryocystitis -- yonshaya t'bezhun-masu-sa'haf
 Dacryorrhea -- ritsuri-pid-yumaya t'bezhun-masu
 Dacryopyosis -- ritsuri-nosh t'kuhka svi'bezhun-wadi-torekra
 Dactyl -- uk
 Dactyledema -- ritsuri ozh-masu-hoknaya
 Dactylitis -- uk-yonshaya
 Dactylology -- ozh-sviribau-tanaf
 Dactylomegaly -- ritsuri-suk-nosh t'uklar
 Daffy -- duh-, duhik
 Dagger -- lipitah
 Daily -- kanok-gadik
 Dais -- skaf
 Damage -- zakar, zakar-tor
 Damage control -- zakar-tash
 Damp(en) (v.) -- fish-tor
 Dampener -- fishek
 Dampening field -- fish-vunai
 Damper (device) -- fishek
 Damping -- fishan
 Dance -- tam, tam-tor
 Dancer -- tamsu
 Dandruff -- (patam-)wadi-grazhiv
 Danger -- tehvar
 Dangerous -- tehvar-bosh
 Dark -- mu'gel-, mu'gelik
 Dark adaptation -- mu'gel-rubilaya
 Dark blue -- spo-kur
 Dark gray -- ras-kur
 Dark green -- mu'yar-kur
 Dark matter -- mu'gel-tukh
 Dark nebula -- mu'gel-stukh-wan
 Dark reaction -- mu'gel-folaya
 Darken -- mu'glau
 Darkness -- mu'gel'es
 Darling (adj.) -- ashal-, ashalik (beloved); petakov(-) (cute)
 Darling (person) -- ashal-veh
 Dart (n.) -- kli
 Dash(board) -- glutash-dohn
 Dashpot -- fish-vel
 Data -- faik
 Data crystal -- faik-khush
 Data input access panel -- thro-wein t'faik-svin
 Data interface -- faik-tvihanek
 Data network -- faik-vistra
 Data node -- faik-kal

Data processing -- faik-patoraun
 Data processor -- faik-patorayek
 Data retrieval -- faik-zaprahn
 Data storage -- faik-tsoraya
 Data storage device -- faik-tsorau-vel
 Database -- faiktra
 Database management -- faiktra-khartaya
 Date (n.) -- kinuf (anc.)
 Daughter -- ko-fu
 Daughter cell -- kan-nala
 Daughter nucleus -- kan-nala-svitan
 Davit -- vla-aberayek
 Dawn (n.) -- gad-keshtan
 Day -- gad
 Daybreak -- gad-keshtan
 Daydream -- rirun, rirun-tor
 Daylight (n.) -- gad-ha'gel
 Daymare -- gad-eshu'a
 Daytime (adj.) -- gad-wak-, gad-wakik
 Dead (adj.) -- tevik
 Dead, The -- Tevanu
 Deadly -- teval-, tevalik
 Deaf -- zhu-fam
 Deaf, The -- Zhu-famu
 Deafness -- zhu-fam'es
 Dear (n.) -- tal-kam
 Dearth -- fam
 Death -- tevakh
 Deathless -- tevakh-fam
 Deathly -- tevakh-kahk
 Debark (v.) -- skahal-tor (ship, etc.); snem-tor lap-wadi (tree)
 Debility -- fam-karik'es(-nosh)
 Débridement -- skek-nalatra-snem
 Débris -- guhsh(-tukh)
 Débris flow -- guhsh-yumaya
 Debt -- sa'akh (anc.)
 Decagon -- leh-vla
 Decahedron -- leh-muk
 Decalcification -- sahinekaya
 Decant -- skamukau
 Decay -- nehau, nehaya
 Deceit -- tehs
 Deceive -- tehs-tor
 Decelerate -- vohrau
 Deceleration -- vohraya
 Deception -- tehsat
 Decide -- klopau
 Decidua (med., zool.) -- po-tukh
 Deciduous -- set-mor-, set-morik (botany); saset-, sasetik (med.)
 Deciduous tooth -- kan-zud, saset-zud
 Deciduous tree -- set-mor-lap
 Decimal (adj.) -- leh-, lehkik
 Decimal system -- neh-leh-torektra

Decision -- klopaya
 Deck (floor) -- lan-tol
 Declaration -- afsakaya
 Declare -- afsakau
 Decode -- sakiht-tor
 Decoder (device) -- sakihtek
 Decollate -- sakrus-zekau
 Decolorize -- sakurau
 Decommission -- sakadvin-tor
 Decompile -- satravilau
 Decompiler -- satravilayek
 Decompose -- ek'nehau
 Decomposition -- ek'nehau
 Decortication -- kas-wein-snem (bot.); nafek-wein-snem (med.)
 Decrease -- nelau, nelaya
 Decrypt -- sasatilau
 Decryption -- sasatilaya
 Decryption matrix -- sasatilau-viskulan
 Deduct -- nenem-tor
 Deduction -- nenem
 Deep (adj.) -- glu(-)
 Deep space -- glu-stukh
 Deep space imaging system -- glakuvau-torektra t'glu-stukh
 Defecate -- pekhau
 Defecation -- pekhaya
 Defect (n.) -- lafot (anc.)
 Defective -- lafot-mayik
 Defend -- fosh-tor
 Defense -- fosh
 Deficient -- pafam(-)
 Deficiency -- pafam'es
 Define -- mesprah
 Definition -- mesprahn
 Deflate -- sasovau
 Deflation -- sasovaya
 Deflect -- sakwitau
 Deflection -- sakwitaya
 Deflection angle -- sakwitau-vul
 Deflection coil -- sakwitau-pakuv
 Deflection yoke -- sakwitau-feretai
 Deflectometer -- sakwitau-thonek
 Deflector -- sakwitayek
 Deflector array -- sakwitayek-zehlaya
 Deflector field generator -- sakwitayek-vunai-ferek
 Defoaming agent -- sapuhsh-tukh
 Deform -- sashidau
 Deformation -- sashidaya
 Deformity -- riyeht-shid'es
 Degeneration -- tehn-storaya
 Dehiscence -- nei-savas-tu'ashan
 Dehiscent -- nei-savas-tu'ashik
 Dehiss circuit -- sashisau-raf-kuv
 Dehydrate -- nemashau

Dehydration -- nemashaya
 Delay -- vohtau, vohtaya
 Delete -- enem-tor
 Deletion -- enem
 Deliver -- tefu (anc.)
 Delivery -- tefuk (anc.)
 Delta (geol.) -- selk
 Delta radiation -- kih-saya
 Delta wing -- reh-vla-rala
 Deltaic deposit -- selk-titaya
 Deltoid (adj.) -- reh-vla-shidik
 Deltan (person/language) -- Deltasu
 Delusion -- plokh
 Demand -- haishau, haishaya
 Demineralization -- sa'ek'tukhaya
 Demodulate -- sakihtilau
 Demodulator -- sakihtilayek
 Demon -- eshu'a (anc.)
 Demultiplexer -- sawehkantayek
 Dendriform -- lap-shidik
 Dendrite (anat.) -- wel-gel
 Dendrochronology -- lap-kuv-tal
 Dendrophobia -- lap-ptak
 Denial -- wafaya
 Denominator -- ne-su'us
 Dense -- ihn-, ihnik
 Densitometer -- ihn-thonek
 Density -- ihn'es
 Dent (n.) -- tuhk
 Dental caries -- zud-nehaya
 Dental formula -- zud-nik-tok
 Dentate -- zudlar-rihkik
 Denticulate -- pi'zudlar-rihkik
 Dentine -- zud-tukh
 Dentist -- zud-hassu
 Dentition -- zudtra
 Deny -- wafau
 Deodorant -- savilau-tukh
 Deodorize -- savilau
 Deossification -- hinek-ek'tukh-pak
 Deoxyribonucleic acid (DNA) -- sash t'dah-ha-svitan (SDH)
 Depart -- trasha
 Departure -- trashan
 Departure gate -- trasha-temep
 Departure time -- trasha-wak
 Depend -- nerau
 Dependable -- nerek
 Dependent -- ner-, nerik
 Dependent function -- ner-is-kek
 Dependent variable -- ner-vuhnayek
 Depilatory (n.) -- isachya-snem-tukh
 Deplete -- neis-tor
 Depletion -- neis

Depolarize -- sanarakau
Deposit -- titau, titaya
Depression (meteor.) -- neik-shal
Depressurize -- sahish-tor
Depth -- gluder
Depth finder -- gluder-thonek
Dermabrasion -- wadi-grashaya
Dermal -- wadi-, wadiyik
Dermal regenerator -- wadi-vaferek
Dermatitis -- wadi-yonshaya
Dermatology -- wadi-tal
Dermatophyte -- wadi-luk
Dermis -- tvi-wadi
Derrick -- aberofek
Desalination -- sa'alemashaya
Descend -- tev-tor
Descent -- tevan
Describe -- kethelvau
Description -- kethelvaya
Desensitize -- sakashovau
Desert -- eshikh
Desertification -- eshikh-storaya
Desiccant -- psethilau-tukh
Desiccate -- psethilau
Desiccation -- psethila
Desiccator -- psethilayek
Designate -- bablivau
Designation -- bablivaya
Desire -- aitlun (n.); aitlu (v.)
Desk -- kitau-skaf
Desquamation -- wadi-foshuhn
Destiny -- buk
Destroy -- vashau
Destruction -- vashaya
Destructive -- vashauk
Detach -- dahl-tor
Detached retina -- dahlik glan-nalatra-tin
Detect -- patal-tor
Detection -- patalan
Detector -- patalek
D□tente -- rapahanek
Deteriorate -- sakluhkau
Deterioration -- sakluhkaya
Determine -- satalau
Detonate -- thorshau
Detonator -- thorshayek
Detour -- pamutau, pamutaya
Detoxification -- nehasamaya
Detoxify -- nehasamau
Detrimental -- zakaran-, zakaranik
Detritivore -- ha-guhsh-yokulsu
Detritus -- ha-guhsh (biol.); thal-tukh (geol.)
Deuterium -- dah-masu-tukh

Develop -- storau
 Developed (adj.) -- stor-, storik
 Developer (device) -- storayek
 Deviant (adj.) -- teker-, tekerik
 Deviate -- teker (anc.)
 Deviation -- tekeret
 Device -- el'mish
 Devote -- vaikau
 Devotion -- vaikaya
 Devour -- ketau
 Devout -- vaikar-, vaikarik
 Dew -- asal-masu
 Dew point -- asal-masu-sfek
 Dewdrop -- asal-masu-thek
 Dewfall -- asal-masu-tevan
 Diabetes -- ritsuri-nosh t'slor-dau-tukh
 Diagnose -- nosh-satalau
 Diagnosis -- nosh-satalaya
 Diagnostics -- nosh-nisaklar
 Diagonal -- mes-zehl-, mes-zehlik; (vul-)mes-zehl (math.)
 Diagram (n.) -- ufesan
 Dial (n.) -- mik
 Diameter -- fna-thon
 Diamond (mineral) -- lerash-khush
 Diaphoresis -- wadashaya
 Diaphoretic -- wadashau-aishaik (adj.); wadashau-tukh (n.)
 Diaphragm (anat.) -- esh-dvunek
 Diaphysectomy -- wu-hinek-snem
 Diaphysis -- wu-hinek
 Diaphysitis -- wu-hinek-yonshaya
 Diarrhea -- masu-pekh(-nosh)
 Diary -- gad-dunap
 Diatom -- masutra-mazhuyik numo-ha-vel
 Dichroic -- dah-kur-, dah-kurik
 Dichromatism (med.) -- dah-kur-zhelik glan-fam'es
 Dictator -- stis-fulagsu
 Dictionary -- zhit-dunap
 Die (v.) -- tev-tor
 Dielectric (n.) -- rispayek
 Diet (n.) -- yokul-montra (intake); yokul-tashan (controlled eating)
 Differ -- nati (anc.)
 Difference(s) -- natyan (anc.)
 Different -- natya(-) (anc.)
 Differential (math.) -- natilak
 Differential diagnosis -- natya-nosh-satalaya
 Differential calculus -- natilauk pitoh-su'us-ek'tal
 Differential equation -- natilak-vo'ihn
 Differential geometry -- natilak-khlop-thonik su'us-ek'tal
 Differential operator -- natilak-el'torayek
 Differentiate -- natilau
 Differentiation -- natilaya
 Difficult -- rihag-, rihagik
 Difficulty -- rihag'es

Diffuse (v.) -- sas-tor
 Diffuser -- sasek
 Diffusion -- sasak
 Diffusivity -- sas'es
 Dig (v.) -- hil-tor
 Digametic -- dah-guv-nalaik
 Digest (v.) -- skau-tor
 Digested, to be -- puskau-tor
 Digester -- skaunek
 Digestible -- skau-yehat
 Digestion -- skaun
 Digestive gland -- skaun-pi'nafek
 Digestive tract -- skaun-ek'ur
 Digger (tool) -- hilek
 Digit -- uk (anat.); un (math.)
 Digital clock -- un-wak-vel
 Digital computer -- saga-tum-vel
 Digital filter -- saga-kapol
 Digital recorder -- saga-vipladayek
 Digital signal -- saga-glantokaya
 Digital watch -- karik un-wak-vel
 Digitate -- sau-krusik
 Digitize -- unsagau
 Digraph -- dah-zun
 Digress -- savariben
 Digression -- savarun
 Dihedral -- aberala-vul (aero.); dah-pa'ashtra-vul (math.)
 Dike (n.) -- zul-mev (geol.); pamashok (levee)
 Dilate -- eiksha
 Dilation -- eiksharu
 Dilithium -- dah-pim-tukh
 Dilithium crystal -- dah-pim-khush
 Dilithium mining facility -- van-kebitra t'dah-pim-tukh
 Dilithium reactor -- dah-pim-foleyek
 Dim -- neik-ha'gel-, neik-ha'gelik (adj.); ha'gel-ne-tor (v.)
 Dimension -- tinga (measurement); retuka (physics)
 Dimer -- dah-ketek
 Dimerous -- dah-krusik
 Dimictic -- dah-da-kuvauk
 Diminish -- nelau
 Dimmer (switch) -- ha'gel-neyek
 Din (n.) -- stiralash
 Dine (v.) -- aru-yokul
 Dinghy -- pi'fel-hali
 Dining room -- shi'yem
 Dinner -- aru-yem
 Dinosaur -- fe-vesht-varik terra-vash-ukraluk
 Diode -- dah-narafek
 Dioecious -- natya-kasik
 Dip -- spis, spis-tor
 Dipeptide -- dah-skaulu
 Diphasic -- dah-wek-, dah-wekik
 Diphthong -- dah-ralash-vel

Diphyletic -- dah-zehl-tveshuk
 Diphyodont -- dah-zud-ekuk
 Diplegia -- on-shivaya
 Diplococcus -- dah-dukal-talvot
 Diploid (n.) -- dah-toltra-nala
 Diploma -- skunap
 Diplomacy -- duta'es
 Diplomat -- dutar (anc.)
 Diplomatic -- dutar-, dutarik
 Diplomatic courier vessel -- dutar-shan-hali
 Diplopia -- dah-glan
 Dipsomaniac -- ritash-naliveh-aitlusu
 Dipsophobia -- mon-pthak
 Dipterous -- dah-rala-, dah-ralaik
 Direct -- khar-, kharik; khartau
 Direct action -- khar-torai
 Direct capacitance -- khar-tsor'es
 Direct data entry -- khar-faik-svin
 Direct current (DC) -- wuh-kharat-katrom
 Direct injection -- khar-vipohshaya
 Direct lighting -- khar-ha'gelan
 Direct manipulation -- khar-el'taranaya
 Direct printing -- khar-hishan
 Direct sound -- khar-ralash
 Direct wave -- khar-pral
 Directed angle -- khart-vulu
 Direction -- kharat
 Direction angle -- kharat-vulu
 Direction finder -- kharat-talek
 Direction switch -- kharat-dvelek
 Directional (adj.) -- kharat-, kharatik
 Directional antenna -- kharat-kash-ral
 Directional drilling -- kharat-spitaun
 Directional filter -- kharat-kapol
 Directional loudspeaker -- kharat-saralashkek
 Directional microphone -- kharat-viralashkek
 Directional receiver -- kharat-poprahek
 Directional relay -- kharat-gol'dvunek
 Directional transmitter -- kharat-sasayek
 Director -- khartausu
 Directory -- khar-feim
 Dirigible (n.) -- pa-sov-hali
 Dirt -- kitek
 Dirty -- kitork(-)
 Disability -- rikup'es
 Disable -- rikup-tor
 Disappear -- sasaudau
 Disassemble -- saferetau
 Disassortative mating -- rika-ves-katelaya
 Disaster -- koshvar
 Disc -- mathra
 Discharge -- khrasau, khrasaya
 Discharger -- khrasayek

Discipline (n.) -- nahr
 Disconnect (v.) -- satersau
 Disconnection -- satersaya
 Discontinuity -- rifator'es
 Discriminant -- sakathilak
 Discriminate -- sakathilau
 Discrimination -- sakathilaya
 Discriminator -- sakathilayek
 Disease -- has
 Disembark -- skahal-tor
 Disembodied -- savukhut-, savukhutik
 Disembowel -- sayorkunau
 Disengage -- dahl-tor
 Disguise -- pasut, pasutau
 Disgust -- spa'ash
 Dishonest -- ritrau
 Disinfect -- tehn-vivotau
 Disinfectant -- tehn-vivotau-tukh
 Disinfection -- tehn-vivotaya
 Disintegrate -- fezhilau
 Disintegrator -- fezhilayek
 Disk -- mathra
 Disk brakes -- mathra-vohrayeklar
 Disk camera -- mathra-glayek
 Disk centrifuge -- mathra-sadan-dahshayek
 Disk drive -- mathra-yeturek
 Disk filter -- mathra-kapol
 Disk pack -- mathra-tuh
 Disk valve -- mathra-spunek
 Dislike -- ritishau, ritishaya
 Dislocation -- sashitaya
 Dispense -- tan-tor
 Dispenser -- tanek
 Dispersal -- saganaya
 Dispersal barrier -- saganau-foshek
 Dispersal mechanism -- saganau-tor-vel
 Disperse -- saganau
 Dispersed, to be -- pusaganau
 Disphenoid -- dah-shihvek-vel
 Displace -- sa'dvun-tor
 Displacement -- sa'dvun
 Display -- gluvau, gluvaya; gluvayek
 Disposable -- sashitau-yehat
 Disposal -- sashitaya
 Dispose -- sashitau
 Disregard (v.) -- bau-tor
 Disrupt -- feshel-tor
 Disrupter -- feshelek
 Disrupter beam -- feshelek-zehl
 Disrupter induction coil -- feshelek-vimevilau-pakuv
 Disruption -- feshel
 Dissect -- dahli-nesh-tor
 Dissection -- dahli-neshan

Dissolution -- fezhaya
 Dissolve -- fezhau
 Dissolved oxygen level -- fezhal-vok t'masu-esh-tukh
 Dissonance -- mes-stirilaya
 Distance -- ir
 Distant -- irak(-)
 Distill -- (masu-)kan-dahshau
 Distillation -- (masu-)kan-dahshaya
 Distortion -- saznek
 Distract -- saglakolau
 Distraction -- saglakolaya
 Distress (n.) -- flakosh
 Distress beacon -- flakosh-glaribek
 Distress signal -- flakosh-glantokaya
 Distribute -- sagan-tor
 Distribution -- sagan
 Distribution cable -- sagan-elakh
 Distribution factor -- sagan-klai
 Distributor -- saganek
 District -- kahkrus
 Disturb -- ertau
 Disturbance -- ertaya
 Disymmetric -- dah-talikalik
 Diurnal (daily, in daytime) -- gad-wak-, gad-wakik
 Diurnal (active during the day) -- du-gad-, du-gadik
 Diurnal intensity -- gad-wak-flan'es
 Diurnal range -- gad-wak-eik'es
 Diurnal variation -- gad-wak-vuhnaya
 Dive -- taul, taul-tor
 Diver -- taulsu
 Diverge -- satau
 Divergence -- risteraya (meteor.); sataya (deviate, spread, etc.)
 Divergent lens -- satau-gelek
 Divergent sequence -- satau-zehlanaya
 Divergent series -- satau-weizehl
 Diversion -- mutaya
 Divers (adj.) -- vuhnauk
 Diverse -- natya(-), rikahkwa(-)
 Diversity -- vuhnaya
 Divert -- mutau
 Diverter -- mutayek
 Divide -- dahsau, dahsaya
 Divine (adj.) -- ekon-, ekonik
 Diving bell -- taul-vakh
 Diving board -- taul-dohn
 Diving suit -- taul-saikhut
 Dividend -- vi-dahsau-vel
 Division -- dahsaya
 Divisor -- dahsayek
 Dizygotic twins -- t'dahsular s'natya-yu-murlar
 Do -- tor
 Dock -- kif, kifau
 Docking (n.) -- kifaya

Docking latch -- kifau-kuhr
 Docking light -- kifau-ha'gel
 Docking port -- kifau-svep
 Doctor (n., med.) -- hassu
 Doctrine -- dvatai
 Document -- kisev
 Documentation -- kisevtra
 Dodecagon -- leh-dah-vla
 Dodecahedron -- leh-dah-muk
 Dodge (v.) -- savlau (evade); sayutau (move out of the way)
 Dolichocephalic -- wu-patam-, wu-patamik
 Doll -- su-leitri
 Dolmen -- pashov (anc.)
 Dolomite -- desh-tukh
 Dolomitic limestone -- desh-vom-tukh
 Dolostone -- desh-kov
 Domain -- grenat
 Dome (n.) -- ub
 Domestic (adj.) -- ha'kel-, ha'kelik
 Domesticate -- ha'kelikau
 Domestication -- ha'kelikaya
 Dominance -- abru'es
 Dominant -- abrupik
 Dominate -- abrukhau
 Domination -- abrukhaya
 Dominator -- abrukhausu
 Donate -- tan-tor
 Donation -- tanan
 Donor -- tansu
 Door -- svep (anc.)
 Doorcase -- svep-nentu
 Doorframe -- svep-nentu
 Doorjamb -- svep-lehk
 Doorkeeper -- svep-dvinsu
 Doorknob -- svep-elat
 Doormat -- svep-pev
 Doorpost -- svep-lehk
 Doorsill -- svep-sku
 Doorstep -- svep-ashef
 Doorstop -- svep-klotek
 Doorway -- svep-sharu
 Dormancy -- yukup'es
 Dormant -- yukup-, yukupik
 Dormant phase -- yukup-wek
 Dormant volcano -- yukup-zul-kunel
 Dorsal fin -- pla'dor-ralek
 Dorsalgia -- pla'dor-kusut
 Dorsiferous -- pla'dor-leshanik
 Dorsiflexion -- pla'vulaya
 Dorsigrade -- fi-pla'uk-latesik
 Dose (n.) -- fim
 Dosimeter -- fim-thonek
 Dosimetry -- fim-thon

Double (v.) -- dahtau
 Double agent -- dah-zamasu
 Double bond -- dah-tel
 Double cone -- dah-ikun
 Double door -- dah-svep
 Double entry -- dah-svin
 Double exponential distribution -- dah-ashenek-sagan
 Double exponential integration -- dah-ashenek-ketilaya
 Double exposure -- dah-sashavaya
 Double floor -- dah-lan-tol
 Double helix -- dah-kulan
 Double hull -- dah-vukh
 Double integral -- dah-ketil
 Double series -- dah-weizehl
 Double vision -- dah-glan
 Double wall -- dah-temok
 Doubt -- vet, vet-tor
 Doubtful -- vet-bosh
 Dough -- ned
 Down(ward) -- ne'le
 Downwind -- ne'salanik
 Draft (n.) -- fnalan (air); ne-haf (under a ship)
 Drag (v.) -- zashesau
 Drain -- smashaya (loss); smash-mev (pipe); smashau (v.)
 Drainage -- smashaya
 Drapes (n.) -- skahanu
 Draw (v.) -- bes-tor
 Drawer (desk, etc.) -- zish-nef
 Drawing -- bes
 Dream -- run, run-tor
 Drier (device) -- psethayek
 Drift -- marau, maraya
 Drill -- spitau; spitayek
 Drill bit -- spitau-zus
 Drill chuck -- (spitau-)zus-meskarayek
 Drill press -- spitau-el'lamok
 Drink -- mon, mon-tor
 Drinkable -- mon-yehat
 Drip -- thezh, thezh-tor
 Drip-proof -- thezh-teht
 Drive (n.) -- yeturat (motivation, need, urge); yeturek (mech.)
 Drive (v.) -- yetur (anc.)
 Drive section -- yeturek-krus
 Drive shaft -- yetur-fek
 Driveline, Drivetrain -- yetur-ek'zehl
 Driver -- yetursu (person); yeturak (software); mahyeturek (machine)
 Driver coil -- yetur-pakuv
 Driveway -- awek-thro-yut
 Drizzle -- pi'sov-masu; pi'sov-mashau
 Drogue parachute -- seshau-tev-sai
 Drone (aero.) -- risu-sov-hali
 Drop (n.) -- set (fall); nes (lowering); thek (rain, tear, etc.)
 Drop (v.) -- set-tor (to let fall); ne-tor (to lower)

Drop arm (mech.) -- set-kar
 Drop cloth -- thek-sai
 Drop hammer -- set-mah-vel
 Drop point -- set-sfek
 Drop tank -- set-tuhlek
 Drop valve -- set-spunek
 Droplet -- pi'thek
 Droplight -- geldau-ha'gelek
 Dropsonde -- set-sov-nisayek
 Dropsy -- ritsuri-masu-hoknaya
 Drosometer -- asal-masu-thonek
 Dross -- mopuhsh
 Drought -- pseth-wak-krus
 Drown -- mastevau
 Drug (n.) -- ta'bek (anc.)
 Drug resistance -- ta'bek-tehnaya
 Drum -- vluhn, vluhn-tor
 Drumbeat -- vluhn-kuhsh
 Drupe -- kahm-savas
 Drupelet -- pi'kahm-savas
 Dry -- pseth, psethau
 Dry cell battery -- pseth-nala-kipof
 Dry dock -- smash-hali-kif
 Dry ice -- le-suma s'dah-eshu t'nol-tukh
 Dry measure -- pseth-thon
 Dry rot -- pseth-nehaya
 Dry season -- pseth-tevun-yonuk
 Dry steam -- pseth-zhis
 Dry valley -- pseth-pilashik ku-li
 Dry weight -- herbosh-rasath
 Duality -- dah'es
 Dub (v.) -- abevipladau
 Dubious -- vet-bosh
 Dubnium -- leh-wuh-tukh
 Duct (n.) -- mev
 Ducting -- mevtra
 Duel (n.) -- pagun (anc.)
 Duet (n.) -- dah-mavaya
 Dull (adj.) -- guhf-, guhfik (boring); pas-, pasik (not sharp)
 Dune -- sef
 Duo -- dahek
 Duodecimal (adj.) -- leh-dah-, leh-dahik
 Duonetic coupler -- dah-fel-teretek
 Duplex (adj.) -- on-kharat-, on-kharatik
 Duplicate -- va'asau, va'asaya
 Dust -- grazhiv
 Dust storm -- grazhiv-sahriv
 Dustcover -- grazhiv-wein
 Dustpan -- fnash-sunil
 Duty -- gu-vam (anc.)
 Dwarf (n.) -- kobsu
 Dwelling -- kelek
 Dyad -- zun-shif

Dye -- kur-tor, kur-tukh
 Dynamic (adj.) -- toranu-, toranik
 Dynamo -- toranelek
 Dynamometer -- smish-thonek
 Dysentery -- rasah-masu-pekh
 Dysfunction -- ritsuri-is-lof
 Dysgraphia -- ritsuri-kitau-nosh
 Dyskinesia -- ritsuri-dvun-nosh
 Dyslexia -- ritsuri-telv-nosh
 Dyslogia -- ritsuri-nahp-nosh
 Dyson sphere -- ek'kal t'Daison
 Dysosmia -- ritsuri-fnish-nosh
 Dyspepsia -- ritsuri-skaun-nosh
 Dysphagia -- ritsuri-vinem-nosh
 Dysphasia -- ritsuri-stariben-nosh
 Dysphonia -- ritsuri-spes-nosh
 Dyspnea -- ritsuri-esh-nosh
 Dysprosium -- khreit-tukh
 Dystrophy -- nalatra-tehn-storaya
 Dysuria -- ritsuri-vazh-nosh

Each -- tik
 Eager -- nayik
 Ear -- kaluk
 Earache -- kaluk-kusut
 Eardrum -- zhu-nalatra-tin
 Early -- ten-mal
 Earn -- pinkau
 Earnings -- pinkaunu
 Earphone -- kaluk-ralashek
 Earpiece -- kaluk-vel
 Earring -- kaluk-mokuv
 Earth -- Terra (planet); solektra (ground)
 Earth colors -- solektra-kureklar
 Earth current -- solektra-katrom
 Earth sciences -- ek'tra-ek'tallar
 Earthborn -- fi'Terra-pukeshtaik
 Earthbound -- fi'Terra-telanik
 Earthling (n.) -- Terrasu
 Earthly -- terrupik
 Earthquake -- solektra-hutaya
 Earthquake intensity -- solektra-hutau-flan'es
 Earthquake magnitude -- solektra-hutau-pul'es
 Easement -- krotchilaya
 East -- she'rak
 Eastern -- she'rak-, she'rakik
 Eastward(s) -- na'she'rak
 Easy -- hag-, hagik
 Eat -- yokul
 Eatable -- yokul-yehat
 Eatery -- yokul-mahr-kel
 Eave(s) -- kamu-mesyel(lar)
 Ebb tide -- ne'le-mashen

Ebullator -- masu-esta-falekek
 Ebuliometer -- kan-sfek-thonek
 Ebullition -- kanan
 Eccentric (adj.) -- risvitan-, risvitanik
 Eccentric angle -- risvitan-vulu
 Eccentric load -- risvitan-tus
 Eccentricity -- risvitan'es
 Ecdemic (zool.) -- akan(-)
 Echelon -- vus
 Echo (n.) -- vava
 Eclipse (n.) -- ek'duv
 Ecology -- malat-tal
 Economist -- iskan-talsu
 Economize -- yeht-korsau
 Economy -- yeht-iskan'es (efficient use); iskan (system)
 Ecophysiology -- (malat-)ek'shalik is-lof-tal
 Ecospecies -- shal□ne-koshtri
 Ecosphere -- ha-ek'shal
 Ecosystem -- ha-ek'torektra
 Ecotone -- prah-shal
 Ecotype -- shal-ha-ves
 Ecru (color) -- ha'mazhiv-kur
 Ecstasy -- prahk'es
 Ecstatic -- prahk-, prahkik
 Ectoderm -- si-nalatra
 Ectogenesis -- si-vukhut-storaya
 Ectoparasite -- skonn-neshuhk
 Ectophloedal -- fi-lap-wadiyik
 Ectopia cordis -- ritsuri-shitik khaf-spol
 Ectopic pregnancy -- ri-sudef-k'kan'es
 Ectotherm (zool.) -- si-falek-aushfa
 Eddy (n.) -- pi'tehn-katrom (counter-current), pi'tchef (whirlpool)
 Eddy current -- tehn-katrom
 Edema -- ritsuri-masu-hoknaya
 Edentate, Edentulous (adj.) -- zud-fam-, zud-famik
 Edible -- yokul-yehat
 Edge -- rihk; rihkau
 Edge effect -- rihk-daya
 Edge tool -- rihk-raul
 Edging -- rihkaya
 Edit -- ver-tor
 Edition -- yadan
 Editor -- versu
 Effect -- daya
 Effective -- dau-bosh
 Effectiveness -- dau-bosh'es
 Efferent -- salesh-, saleshik
 Efficiency -- yeht-urgam'es
 Efficiency rating -- yeht-urgam'es-tavan
 Efficiency ratio -- yeht-urgam'es-tavat
 Efficient -- yeht-urgam(-)
 Effluent -- sayumuk
 Effort -- urgam

Egg -- yu-mur
 Eggbeater -- yu-mur-rishek
 Eggshell -- yu-mur-fo
 Ego -- shayuf
 Egocentric -- shai-svitan-, shai-svitanik
 Egocentrism -- shai-svitan'es
 Egomania -- ek'shai-svitan'es
 Egotism -- ritsuri-shai'es
 Egress -- ruken, ruk-tor
 Eidetic -- zat-glak-, zat-glakik
 Einsteinium -- kau-tukh
 Ejaculate -- khrasau
 Ejaculation -- khrasaya
 Ejaculatory duct -- khrasau-mev
 Eject -- sadakh (anc.)
 Ejecta (geol.) -- sadakh-tukh
 Ejection -- sadakhat
 Ejection seat -- sadakh-ku-san
 Ejector -- dakh-vel, sadakhek
 Ektrodachtylia -- kesh-fam-uk
 □lan -- buhl'es
 Elapse -- veshau, veshaya
 Elapsed time -- veshal-wak
 Elbow -- kar-nef
 Elderly (adj.) -- shakhupik
 Elderly, The (n.) -- Shakhu
 Elect -- todvel-tor
 Election -- todvelan
 Elector -- todvelsu
 Electric -- raf-, rafik
 Electric bell -- raf-kus-vakh
 Electric burn -- raf-yontaya
 Electric eye -- raf-glaiyek
 Electric flux -- raf-gasu
 Electric light -- raf-ha'gelek
 Electric motor -- raf-mishu
 Electric propulsion -- raf-dataya
 Electric shock -- raf-kolaya
 Electrical conductivity -- raf-spa'es
 Electrical discharge -- raf-khrasaya
 Electrical engineering -- raf-mish-tal
 Electrical power distribution -- raf-tepul-sagan
 Electrical storm -- igen-wesh-sahriv
 Electrician -- raf-tor-velsu
 Electricity -- raf-tepul
 Electrification -- rafaya
 Electrify -- rafau
 Electrochemistry -- raf-meil-tal
 Electrocute -- rafostau
 Electrocutation -- rafostaya
 Electrocyte -- raf-nala
 Electrode -- narafek
 Electrodynamic fluid -- raf-toranu-masu

Elektrokinetics -- raf-dvun-tal
 Electrolysis -- raf-nifaya
 Electrolyte -- falun-krus-tukh, falun-krus-masu
 Electrolyze -- raf-nifau
 Electromagnet -- raf-seshan-vel
 Electromagnetic brake -- raf-seshan-vohrayek
 Electromagnetic field (EMF) -- raf-seshan-vunai
 Electromagnetic generator -- raf-seshan-ferek
 Electromagnetic induction -- raf-seshan-vimevilaya
 Electromagnetic pulse (EMP) -- raf-seshan-sagaya
 Electromagnetic radiation -- raf-seshan-saya
 Electromagnetic switch -- raf-seshan-dvelek
 Electromagnetic unit -- raf-seshan-kebi
 Electromagnetic wave -- raf-seshan-pral
 Electrometer -- raf-natya-thonek
 Electromotive force -- raf-dvun-nekwitaya
 Electron -- u'gal
 Electron beam -- u'gal-ha'zehl
 Electron gun -- u'gal-pohshek
 Electron mass -- u'gal-shivak
 Electron microscope -- u'galik numo-zan-vel
 Electron pair -- u'gal-shif
 Electron resonance scanner -- u'gal-kusilau-glashayek
 Electron scanning -- u'gal-glashaun
 Electron shell -- u'gal-fo
 Electron stream -- u'gal-salash
 Electronegative -- raf-u'rak(-)
 Electronic -- raf-ar'kada-, raf-ar'kadaik
 Electronic control -- raf-ar'kada-tash
 Electronic countermeasures (ECM) -- raf-ar'kada-tehnokatlar
 Electronic flash -- raf-ar'kada-kahat
 Electronic ignition -- raf-ar'kada-yonan
 Electronic mail (email) -- raf-ar'kada-sakat
 Electronic microphone -- raf-ar'kada-viralashek
 Electronic shutter (camera) -- raf-ar'kada-ha'wein
 Electronic switch -- raf-ar'kada-dvelek
 Electronic tuning -- raf-ar'kada-tvelkaun
 Electronics -- u'gal-yumau-tal (study); raf-ar'kada-vellar (equipment)
 Electronics bay -- raf-ar'kada-sutauk
 Electroplating -- raf-slaun
 Electropositive -- raf-a'rak(-)
 Electrostatic -- shi-raf-, shi-rafik
 Electrostatic charge -- shi-raf-falun
 Electrostatic field -- shi-raf-vunai
 Electrostatic generator -- shi-raf-ferek
 Electrostatic induction -- shi-raf-vimevilaya
 Electrostatic microphone -- shi-raf-viralashek
 Electrostatic shield -- shi-rafik fo-dan
 Electrostatics -- shi-raf-tal
 Electrothermal -- raf-falek-, raf-falekik
 Elegance -- sohk'es
 Elegant -- sohk-, sohkik
 Elegy -- v'hak (anc.)

Element -- meilak (chem.); velak (math.)
 Elemental analysis -- meilak-nisaya
 Elementary -- nen-, nenik
 Elementary function -- nen-kek
 Elementary number -- nen-su'us
 Elementary operation -- nen-el'toraya
 Elementary particle -- nen-pi'gal
 Elevate -- ashenau
 Elevation -- ashenaya (raising); (sov-)pidek (altitude)
 Elevator -- sa'adek (lift); ashenayek (aero., anat.)
 Eleven -- leh-wuh
 Elevon -- ashen-padukau-rala
 Eliminate -- snem-tor
 Elimination -- snem (removal); vazh-snem (urine); pekh-snem (feces)
 Elite -- Snapidu (n.); snapid-, snapidik (adj.)
 Elitism -- snapid'es
 Elixir -- glozho (anc.)
 Ellipse -- yuv
 Ellipsoid -- yuvan
 Ellipsoidal calculus -- yuvanik pitoh-su'us-ek'tal
 Ellipsoidal coordinate -- yuv-shi-kethel
 Elliptic(al) -- yuv-, yuvik
 Elliptic cone -- yuv-ikun
 Elliptic curve -- yuv-tsa
 Elliptic function -- yuv-kek
 Elliptic integral -- yuv-ketil
 Elliptic logarithm -- yuv-talashenek
 Elliptic trammel -- yuv-bes-raul
 Ellipticity -- yuvik'es
 Elongate -- wuvau
 Elongated -- wuvauk
 Elongation -- wuvaya
 Elsewhere -- kitok-wilat
 Elude (v.) -- savlau (evade); stron-tor (escape)
 Elutriate -- pu-dahshau
 Elutriation -- pu-dahshaya
 Eluvium -- skrash-tukh
 Emancipate -- su'el-tor
 Emancipation -- su'elan
 Embankment -- vulosoltra
 Embark -- fihal-tor
 Embed -- vishitau
 Ember -- kilyon
 Embolectomy -- snem t'el-klotau-vel
 Embolism (med.) -- mev-klotaya
 Embolus -- el-klotau-vel
 Embrace -- nartau, nartaya
 Embroidery -- og-tanaf
 Embryo -- ten-kan-bu (TGV), pi'tenkan (MGV)
 Embryogenesis -- pi'tenkan-storaya
 Embryology -- pi'tenkan-tal
 Embryonic, Embryotic -- pi'tenkan-, pi'tenkanik
 Emerald (n.) -- yar-khush

Emerge -- sasarlah
 Emergency -- kef-, kefik; kef-yet
 Emergency anti-grav thruster -- kefik tehn-sesh-kwitek
 Emergency battery -- kef-kipof
 Emergency bridge -- kvath-tash-svitan
 Emergency containment grid -- kef-tuhlau-vis
 Emergency flush intake -- prah-vel t'kef-kluhvaya
 Emergency flush vent -- kef-kluhvau-krau
 Emergency generator -- kef-ferek
 Emergency hatch -- kef-thro-svep
 Emergency landing leg -- kef-fisolekau-mal
 Emergency medical hologram (EMH) -- kefik has-reh-bikuvsu
 Emergency life support -- kef-ha'kiv-nenikaya
 Emergency survival compartment -- kef-rishan-tsorayek
 Emergency switch -- kef-dvelek
 Emergency transporter -- kef-ifisek
 Emesia -- pluhkan
 Emetic (n.) -- plukh-tukh
 Emission -- saya
 Emit -- sau
 Emitter -- sayek
 Emitter array -- sau-zehlaya
 Emollient -- wadi-mosek
 Emotion(s) -- zherka
 Emotional -- zherka-bosh
 Emotionless -- zherka-fam
 Empathic -- rigolauk
 Empathy -- rigolaya
 Empennage -- sov-hali-harrtra
 Emperor -- sa-eik-te'krusu
 Empire -- eik-te'kru
 Empower -- totepulau
 Empress -- ko-eik-te'krusu
 Empty (adj.) -- herbosh
 Empyema -- pi'tauk-kuhka-hoknaya
 Emulsible -- dah-mashauk
 Emulsifier -- dah-mashek
 Emulsion -- dah-masu
 Encapsulate -- pahafolau
 Encase -- patuhl-tor
 Encephalitis -- shad-yonshaya
 Encephalocele -- shad-faka
 Encephalon -- shad
 Encephalopathy -- shad-has
 Enchain -- panaflakhau
 Encircle -- vikuvau
 Encirclement -- vikuvaya
 Enclose -- vi'ikap-tor
 Encode -- vikiht-tor
 Encoder -- vikihtek
 Encounter -- snagel, snagel-tor
 Encounter group -- snagel-travek
 Encourage -- kastorau

Encouragement -- kastoraya
 Encroach -- visnuhpau
 Encroachment -- visnuhpaya
 Encrust -- papuhnkau
 Encrustation -- papuhnkaya
 Encrypt -- visatilau
 Encryption -- visatilaya
 Encryption matrix -- visatilau-viskulan
 Encyclopedia -- danau-dunap
 End -- shaht, shahtau
 Endanger -- vitechvar-tor
 Endarteritis -- yonshaya t'uzh-khaf-mev
 Endeavor (n.) -- nakarat (anc.)
 Endemic -- la'tveshulauk
 Ending (n.) -- shahtan
 Endless -- shaht-fam
 Endobiotic -- tvi-hatik
 Endocarditis -- yonshaya t'tvi-tin t'khaf-spol
 Endocardium -- tvi-tin t'khaf-spol
 Endocrine gland -- tvi-sau-pi'nafek
 Endocrine system -- tvi-sau-torekra
 Endocrinology -- tvi-sau-tal
 Endolithic -- tvi-kov-hatik
 Endolymph -- tvi-kaluk-masu
 Endometriosis -- risudef-tvitaya-nosh
 Endometritis -- sudef-tvitaya-yonshaya
 Endometrium -- sudef-tvitaya
 Endoparasite -- tvi-neshuhk
 Endophyte -- tvi-kas-kastik
 Endoplasm -- tvi-tukh
 Endorphins -- kusut-nemik tvi-shad-keteklar
 Endoscope -- tvi-zan-vel
 Endoscopy -- tvi-zanan
 Endoskeleton -- (tvi-)hinek-teraya
 Endosperm -- nei-yem-nalatra
 Endosteum -- tvi-hinek-tvitaya
 Endothelium -- tvi-skonn-nalatra
 Endotherm (zool.) -- tvi-falek-aushfa
 Endotoxin -- tvi-hasam
 Endozoic -- tvi-aushfa-, tvi-aushfaik
 Endpoint (math.) -- shaht-sfek
 Endurance -- palesh
 Endure -- palesh-tor
 Enema -- pekh-razh-pun
 Enemy -- nemut (anc.)
 Energize -- tepulau
 Energy -- tepul
 Energy balance -- tepul-vo'ektaya
 Energy barrier -- tepul-foshek
 Energy field -- tepul-vunai
 Energy focusing matrix -- tepul-thakau-viskulan
 Energy gain -- tepul-nazh
 Energy level -- tepul-vok

Energy loss -- tepul-pak
 Energy management -- tepul-khartaun
 Energy transfer -- tepul-shan
 Enforce -- togolau
 Enforcement -- togolaya
 Enforcer -- togolausu
 Engine -- mishu
 Engineer -- mishek
 Engineering -- mish-tal (field); mish-shal (spaces)
 English (language) -- eingelsu
 Engrave -- thes-tor
 Engraver -- thessu
 Engraving -- thes
 Engulf -- shonau
 Enlarge -- sukau
 Enlargement -- sukaya
 Enlarger -- sukayek
 Enigma -- del-ri (anc.)
 Enjoy -- tizh-tor
 Enjoyment -- tizh'es
 Enormous -- masuk'
 Enough -- hiyet (anc.)
 Enrich -- tvidon-tor
 Enrichment -- tvidon'es
 Ensiform -- shek-mor-shidik
 Ensign -- wuh-lan (naval rank); (seht-)haifan (flag)
 Enter -- svi-tor
 Enteritis -- pekh-mev-yonshaya
 Enthusiasm -- buhl'es
 Enthusiastic -- buhl-, buhlik
 Entomophobia -- ravot-pthak
 Entry -- svin
 Enucleation -- ek'krus-snem
 Enuresis -- ritash-vazhaya
 Environment -- ek'sitra
 Environmental control -- ek'sitra-tash
 Environmental systems monitor -- glantayek t'ek'sitra-torektralar
 ENZOOTIC -- la'tveshulauk
 Enzyme -- zalu
 Eolian -- salan-, salanik
 Ephemeral (adj.) -- mapen-palesh-, mapen-paleshik
 Ephemerophyte -- sahr-kastik
 Epibiotic -- fi-hatik
 Epicranium -- patam-wadi-tin(lar)
 Epidemic -- shal-has-sak
 Epidemiology -- has-sak-tal
 Epidermis -- si-wadi
 Epididymis -- pi'sa-nei-mev
 Epigeal -- solektra-skonn-hatik
 Epiglottis -- vinem-pi'rala
 Epilation -- isach-gir-snem
 Epilepsy -- skichra (anc.)
 Epilimnion -- abru-masu-tin t'suk'muzh

Epipellic -- fi-vrel-hatik
 Epiphyte -- fi-vath-kastik
 Epiphytotic -- kas-shal-has
 Episcleritis -- bezhun-wan-yonshaya
 Epistaxis -- han-khafaya
 Epitaxial -- tin-khush-to'ovauk
 Epitaxy -- tin-khush-to'ovaya
 Epithelial cell -- wein-nala
 Epithelial tissue -- wein-nalatra
 Epithelium -- wein-nala-tin
 Epixylous -- fi-lapan-to'ovauk
 Epizoic -- fi-aushfa-to'ovauk
 Epizoon -- aushfa-wadi-hatik aushfa
 Epoch -- nauf
 EPS conduit -- raf-snazh-mev
 EPS regulator -- raf-snazh-pakhartayek
 EPS relay -- raf-snazh-gol'dvunek
 EPS system -- raf-snazh-torektra
 Equal (adj.) -- ka; ka-, kaik
 Equal-area projection -- ka-shal-salehm
 Equality -- ka'es
 Equation -- vo'ihn
 Equator -- dahs-da-kuv
 Equidistant -- ka-ir-, ka-irik
 Equilateral arch -- ka-reh-kesek
 Equilateral hyperbola -- ka-pidvalu
 Equilateral polygon -- ka-wehk-vla
 Equilateral roof -- ka-reh-kamu
 Equilateral triangle -- ka-reh-vla
 Equilibrium -- vo'ektilahr
 Equilibrium constant -- vo'ektilahr-ek'kat
 Equilibrium point -- vo'ektilahr-sfek
 Equinox -- ka-gad
 Equip (v.) -- tanovau
 Equipment -- tanovau-tukh (gear); mishitra (machinery)
 Equipped, to be -- putanovau
 Equivalence -- ka-tala'es
 Equivalent -- ka-tala-, ka-talupik
 Era -- nuhs
 Erase -- snishau
 Eraser -- snishayek
 Erasure -- snishaya
 Erbium -- bal-tukh
 Erbium laser -- bal-tukh-ha'zehlek
 Erect (v.) -- abru-tor
 Erectile tissue -- abru-nalatra
 Erection -- abrun
 Erector (anat.) -- abrun-dvunek
 Ergometer -- dvunek-thonek
 Ergonomics (study) -- zup-dvun-tal
 Ergophobia -- ar'kada-pthak, zup-pthak
 Ergot -- yartik-luk
 Ergotism -- has-mar s'yartik-luk

Erode -- skrashau
 Erogenous -- guv-kastorilau-, guv-kastorilauk
 Erosion -- skrashaya
 Erosive -- skrashauk
 Erotic -- guv-dau-, guv-dauk
 Err -- laf-tor
 Errand -- skrol
 Erratics (geol.) -- hafau-kov-tukh s'dvun-le-sumatra
 Erroneous -- laf-bosh
 Error -- lafosh (anc.)
 Error code -- laf-kiht
 Error message -- laf-skladan
 Error signal -- laf-glantokaya
 Erucic acid -- blavla-sash
 Eruct -- skaun-sa'haf-sovau
 Eructation -- skaun-sa'haf-sovaya
 Erumpent -- sathorauk
 Erupt -- sposh-tor
 Eruption -- sposhan
 Erythema -- wadi-yon'es s'pi'haf-mev-eikan
 Erythrisms -- mayon-kurau-nosh
 Erythroblast -- khaf-orfik-nala
 Erythrocyte -- yon-khaf-nala
 Erythroderma -- wadi-yon'es-nosh
 Erythropoiesis -- torvaya t'yon-khaf-nalalar
 Escalate -- sa'ovau (expand); abulau (increase)
 Escalator -- shenek
 Escapable -- stron-yehat
 Escape -- stron, stron-tor
 Escape hatch -- stron-thro-svep
 Escape velocity -- stron-threshan
 Escapee -- stronsu
 Escapology -- stron-tanaf
 Eschar (med.) -- yontaya-net
 Esophagus -- yokul-mev
 Esoteric -- grei-faitik
 Esotropia -- vi'le-da-nosh t'bezhun(lar)
 Especially -- wa, wa'
 Essential -- bolaya-, bolayatik
 Essential element -- bolaya-meilak
 Essential oil -- bolaya-elmin
 Establish -- afer-tor
 Esteem -- vam
 Ester -- vilash
 Esterase -- vilash-zalu
 Estimate -- talupau, talupaya
 Estrogen -- ko-dau-tukh
 Estuary -- masutra-riflash
 Etch (v.) -- sash-thes-tor
 Eternal -- ek'wak-, ek'wakik
 Eternity -- ek'wak'es
 Ethane -- sampa-tukh
 Ethereal -- ri-ek'tra-, ri-ek'traik

Ethical -- tomayeht-, tomayehtik
 Ethnicity -- ne-koshtri'es
 Ethnocentric -- ne-koshtri-svitanik
 Ethnology -- ne-koshtri-tal
 Ethyl -- nena-tukh
 Ethylene -- nepa-tukh
 Etiolation -- mu'gel-to'ovaya
 Etiology -- aishan-tal
 Etiquette -- yeht-shila-kloshai
 Etymology -- zhit-vesht-tal
 Eugenicist -- tash-noshtra-talsu
 Eugenics -- tash-noshtra-tal
 Euhaline -- krus-alem-masupik
 Eukaryote -- svitan-ha-gel
 Eulittoral zone -- gan-gef-shal
 Eulogize -- kroliben
 Eulogy -- krolun
 Eunuch -- risakallarsu
 Eupeptic -- rom-skaunik
 Euphonious -- rom-ralashik
 Euphoria -- muhl-olau'es
 Euphoriant -- muhl-olau-ta'bek
 Euphoric -- muhl-olauk
 Euphotic zone -- masu-ha'gel-shal
 Eupnea -- tsuri-pa'kizh
 Europium -- shanai-tukh
 Eurybathic -- fan-lanet-kupik
 Euryecious -- eik-shal-hatik
 Euryhaline -- eik-alem'es-kupik
 Euryoxic -- ek'esh-tukh-kupik
 Euryphagic -- eik-yokulik
 Eurythermal -- eik-falek'es-kupik
 Eurytopic -- eik-nosh-wivelauk
 Eustachian tube -- kaluk-mev
 Euthanasia -- rom-staya
 Euthanize -- rom-stau
 Euthenics -- muhl-olau-tal
 Eutrophic -- don-katik
 Evacuate -- sashalotau
 Evacuation -- sashalotaya
 Evade -- savlau
 Evanescence -- rikwon'es
 Evanescent -- rikwon-, rikwonik
 Evaporate -- na-sovau
 Evaporation -- na-sovaya
 Evaporator -- na-sovayek
 Evaporimeter -- na-sovau-thonek
 Evaporite -- na-sovau-kov
 Evasion -- savlaya
 Evection -- yelaikaya
 Even (adj.) -- kauk (level); viyi-, viyik (not odd)
 Even (adv.) -- ruhm
 Even function -- viyi-is-kek

Even number -- viyi-su'us
 Evening -- khru
 Event -- pavek
 Event horizon (astron.) -- pash-yel-krup
 Eventful -- pavek-bosh
 Eventual -- poshaht-, poshahtik
 Evergreen (adj.) -- kwon-mor-, kwon-morik
 Evergreen (n.) -- kwon-mor-kastik (plant), kwon-mor-lap (tree)
 Evergreen forest -- kwon-mor-laptra
 Every -- kanok
 Everybody -- kanok-veh
 Everyone -- kanok-veh
 Everyplace -- kanok-wilat
 Everything -- kanok-vel
 Everywhere -- kanok-wilat
 Evict -- sakelekau
 Eviction -- sakelekaya
 Evil -- ek'rasahkos (adj.); ek'rasah (n.)
 Eviscerate -- sayorkunau
 Evolution -- wakrubaya
 Evolutionary lineage -- wakrubau-zehl'es
 Evolutionary rate -- wakrubau-tav
 Evolutionary trend -- wakrubau-venek
 Evolve -- wakrubau
 Evulsion -- saseshaya
 Exact (adj.) -- faika-, faikaik
 Exact differential -- faika-natilak
 Exact equation -- faika-vo'ihn
 Exact science -- talkup-ek'tal
 Examination -- linisaya
 Examine -- linisau
 Example -- li-fal (anc.)
 Excavate -- razhil-tor
 Excavation -- razhilan
 Excavator (device) -- razhilek
 Exceed -- namautau
 Exceeding (adj.) -- namautauk
 Excel -- marom-tor
 Excellence -- marom'es
 Excellent -- marom(-)
 Exception -- kulauf
 Exercise (n.) -- tusok
 Excess -- mau-tan
 Excessive -- mauyik
 Excellent -- ohrom
 Exchange -- di'kizh, di'kizh-tor
 Exchange force -- di'kizh-nekwitaya
 Exchange matrix -- di'kizh-viskulan
 Exchange rate -- di'kizh-tav
 Excise (v.) -- snesh-tor
 Excision -- snesh
 Excitable -- tepor-yehat
 Excite -- teporilau

Excitement -- tepor'es
 Exciter (elect.) -- teporek
 Exciting -- teporilauk
 Exciton -- razh-u'gal-shif
 Exclaim -- sporiben
 Exclamation -- sporun
 Exclave -- dahs-krus
 Exclude -- sanan-tor
 Exclusion -- sanan
 Exclusion principle -- sanan-dvatai
 Exclusive -- sananik
 Exclusivity -- sanan'es
 Excrement -- pekh
 Excrete -- sasnem-tor
 Excretion -- sasnem
 Excuse -- tobeg, tobeg-tor
 Execute -- fitor (carry out); tostau (put to death)
 Execution -- fitoran (carrying out); tostaya (death)
 Executioner -- tostausu
 Executive (n.) -- fitartausu
 Executor, Executrix -- fitorsu
 Exert -- pidesh (anc.)
 Exertion -- pideshan
 Exfoliate -- wadi-foshuhl
 Exfoliation -- wadi-foshuhn
 Exhalation -- sa'le-eshan
 Exhale -- sa'le-esh-tor
 Exhaust (n.) -- saguhsh
 Exhaust fan -- saguhsh-sovek
 Exhaust gas -- saguhsh-pa-tukh
 Exhaust manifold -- saguhsh-wehk-vel
 Exhaust pipe -- saguhsh-mev
 Exhaust port -- saguhsh-tersvep
 Exhibit -- gluvau, gluvaya
 Exile -- sashasolau, sashasolaya; sashasolausu
 Exist -- nam-tor
 Existence -- nam
 Existent -- inam-, inamik
 Exit -- ruken, ruk-tor
 Exobiologist -- s'udish-ha-talsu
 Exobiology -- s'udish-ha-tal
 Exocrine gland -- si-sau-pi'nafek
 Exocyclic -- si-da-kuvik
 Exocytosis -- nala-kaushau-khrashaya
 Exodermis -- si-gir-tin
 Exoskeleton -- si-hinek-velek
 Exosphere -- si-ek'shal
 Exostosis -- hinek-vihk
 Exotic (adj.) -- akan(-) (not native); ritsuri(-) (unusual)
 Exotic species -- akan-koshtri
 Exotoxin -- pasi-hasam
 Exotropia -- sa'le-da-nosh t'bezhun(lar)
 Expand -- sa'ovau

Expander -- sa'ovayek
 Expanse -- iraktra
 Expansion -- sa'ovaya
 Expansion curve -- sa'ovau-tsa
 Expansion engine -- sa'ovau-masu-mishu
 Expansion joint -- sa'ovau-lesek
 Expansion tank -- sa'ovau-tuhlek
 Expansion valve -- sa'ovau-spunek
 Expect -- gish
 Expectation -- gishat
 Expected (n.) -- gishu
 Expel -- sahausau
 Expense -- kodona (anc.)
 Expensive -- kodonuhk (anc.)
 Experience -- veshtau, veshtaya
 Experiment (n.) -- spolek (anc.)
 Experimental error -- spolek-lafosh
 Expert (n.) -- hiyasu
 Expiration -- yaushan (ending); sa'le-eshan (med.)
 Expire -- yausha (end); sa'le-esh-tor (med.)
 Explain -- danau
 Explanation -- danaya
 Explode -- thorshau
 Explosion -- thorshaya
 Explosive (adj.) -- thorshauk
 Explosives -- thorshau-tukh
 Exponent -- ashenek
 Exponent laws -- ashenek-gavlar
 Exponential distribution -- ashenek-sagan
 Exponential function -- ashenek-kek
 Exponential growth -- ashenek-to'ovaya
 Exponential integration -- ashenek-ketilaya
 Exponential series -- ashenek-weizehl
 Expose -- sashavau
 Exposure -- sashavaya
 Exposure dose -- sashavau-fim
 Exposure meter -- sashavau-thonek
 Exposure value -- sashavau-tala
 Express (v.) -- satiben (utter); sagluvau (display, show)
 Expression -- satun (utterance); sagluyaya (facial display)
 Expulsion -- sahausaya
 Expunge -- ek'ennem-tor
 Exsanguinate -- ek'khafau
 Exsanguination -- ek'khafaya
 Exsiccate -- psethau
 Extant -- i'hatik
 Extemporaneous -- rikoplan-, rikoplanik
 Extend -- sadvun-tor
 Extender -- sadvun-tukh (chem.), sadvun-vel (mech.)
 Extensible -- sadvun-yehat
 Extension -- sadvunan
 Extensometer -- tinga-rub-thonek
 Extensor (anat.) -- sadvunek

Extent -- sadvun
 Exterior -- si-, sik (adj.); sin (n.)
 Exterior angle -- si-vulu
 Exterminate -- ek'stau
 Extermination -- ek'staya
 External (adj.) -- si-, sik
 Externalization -- sikaya
 Externalize -- sikau
 Extinct -- ek'tevik
 Extinction -- ek'tevan
 Extinguish -- sayonotau
 Extinguisher -- sayonotayek
 Extirpate -- ek'snesh-tor
 Extirpation -- ek'snesh
 Extra (adj.) -- hayaik (additional); weht(-) (more)
 Extracellular -- si-nala-, si-nalaik
 Extrachromosomal -- si-toltra-, si-toltraik
 Extracorporeal -- si-vukhut-, si-vukhutik
 Extracranial -- si-grat-, si-gratik
 Extract -- saseshau (v.); saseshak (n.)
 Extraction -- saseshaya
 Extractor -- saseshayek
 Extradite -- tosatanau
 Extradition -- tosatanaaya
 Extragalactic -- si-yel-halekik
 Extralegal -- si-to-gavik
 Extramarital -- si-kun-utik
 Extraneous -- ribolaya-, ribolayatik
 Extraocular muscle -- bezhun-tash-dvunek
 Extraordinary -- wehtsuri(-)
 Extrapolate -- sakunotau
 Extrapolation -- sakunotaya
 Extrasensory perception (ESP) -- si-kash-ralik pakashogaya
 Extraterrestrial (adj.) -- si-ek'tra-, si-ek'traik; si-terra-, si-terrupik
 Extraterritorial -- si-tsokal-, si-tsokalik
 Extrauterine -- si-sudef-, si-sudefik
 Extravagance -- madon'es
 Extravagant -- madon-, madonik
 Extravasate -- si-mev-tasau
 Extravasation -- si-mev-tasaya
 Extravascular -- si-mev-, si-mevik
 Extravehicular activity (EVA) -- si-hali-torai
 Extreme (adj.) -- mair-, mairik
 Extremely high frequency (EHF) -- mair-pid-vakav'es (MPV)
 Extremely low frequency (ELF) -- mair-neik-vakav'es (MNV)
 Extremity (anat.) -- si-vukhut-krus
 Extrude -- hishidorau
 Extrusion -- hishidoraya
 Extrusive rock -- hishid-kov
 Exuberance -- mabuhl'es
 Exuberant -- mabuhl-, mabuhlik
 Exudate -- stan-tukh
 Exudation -- stan

Exude -- stan-tor
Exuviation -- saweinaya
Eye (n.) -- bezhun
Eyeball (n.) -- bezhun(-kal)
Eyebolt -- pakuv-terk
Eyebrow -- bezhun-zehl
Eyedropper -- bezhun-thekek
Eyeglasses -- (bezhun-)zaneshu (anc.)
Eyehole (peephole) -- zan-sharu
Eyelash -- bezhun-isach
Eyelet -- pi'sharu
Eyelid, Inner -- tvi-bezhun-wein
Eyelid, Outer -- si-bezhun-wein
Eyepiece -- zan-krus
Eyestalk -- bezhun-pi'fek
Eyestrain -- bezhun-his
Eyewitness (n.) – toglantausu

"F" to "I"**ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU****>F< na' >I<**

Fable -- yehvaru
 Fabric (clothing) -- sai-tukh
 Fabricate -- zhuk-tor
 Fabricator -- zhukek (device); zhuksu (person)
 Façade (building) -- kelimuk (contraction of "kel-limuk")
 Face (n.) -- limuk
 Face-lift -- limuk-sazehlanaya
 Facet (side) -- (khush-)vla (crystal); (ek'zer-)vla (gem); pulva (aspect)
 Facial (adj.) -- limuk-, limukik
 Facile (easy) -- hag-, hagik
 Facility -- kebitra (place); hag'es (ease)
 Facing -- limak
 Facsimile -- rom-va'asaya (exact copy); raf-glakuv-sasaya (fax)
 Fact -- kla-min (anc.)
 Faction -- seshsat (anc.)
 Factor (n.) -- klai
 Factorial -- klayanek
 Factoring -- klain
 Factory -- zhuk-om (anc.)
 Factual -- kla-minik
 Facultative parasite -- on-neshuhk
 Faculty -- kup'es (ability); sutra (staff)
 Fade -- spoh, spoh-tor
 Fadeless -- spoh-famik
 Fader (device) -- spohek
 Fail -- vravshau
 Fail-safe -- shati-vravshau-korsayek (SVK)
 Failure -- vravshaya
 Fairing (aero.) -- tehn-zaseshau-wein
 Fairy -- pu'a (anc.)
 Faith -- odva
 Falcate -- urokesor-tsaik
 Falciform -- urokesor-shidik
 Falcula -- tsa-spahk
 Fall -- tevan, tev-tor
 Fallacious -- rilokav-, rilokavik
 Fallacy -- rilokav'es
 Fallible -- laf-yehat
 Fallout -- satev-tukh
 False -- riyeht(-) (adj.); yeht-fam (adv.)
 False alarm -- riyeht-vikayek
 False bottom -- riyeht-lanet
 False color -- riyeht-kur
 False start -- riyeht-palikaya
 Falx -- urokesor-vel
 Fame -- khin
 Family (kin) -- pi'maat

Famine -- mair-yem-penak
 Famous -- khinik
 Fan (n.) -- sovek (cooling device); vaikausu (devotee)
 Fang -- wu-zud
 Fantasize -- kropau
 Fantasy -- kropaya
 Far -- irak(-)
 Fare (v.) -- hal-tor (go); yokul (eat); panavau (get by)
 Farewell (n.) -- rom-halan
 Farm -- uroshal (n.); uroshitsu (v.)
 Farmer -- uroshitsu (TGV), uroshitsu (MGV)
 Farmhand -- uroshal-zupsu
 Farmhouse -- uroshal-kelek
 Farmland -- uroz-solektra
 Farrago -- pa-rish
 Farther -- weh-irak
 Farthest -- dan-irak
 Fascia -- zhel (band); dohn (board); tersau-thalv (anat.)
 Fascicle -- pi'slahtra
 Fascicular -- pi'slahtra-, pi'slahtraik
 Fascinate -- sem-tor
 Fascinating -- sem-rik
 Fascination -- sem
 Fast -- sahr-, sahris (adj.); sahris (adv.); riyokul (v.)
 Fast-acting -- sahr-toraik
 Fasten -- terau
 Fastener -- terayek
 Fat -- thel-, thelik (adj.); -- thel'a (n., anc.)
 Fat metabolism -- thel'a-di'kish-torek
 Fate -- buk
 Fateful -- buk-bosh
 Father -- sa-mekh (male parent); yatau (to sire)
 Fatigue -- zung, zung-tor
 Fatigue limit -- zung-grei
 Fatigue test -- zung-nisan
 Fatty acid -- thel'a-sash
 Faucet -- sayumak
 Fault (n.) -- dvun-zehl (geol.); lafot (defect)
 Faulty -- lafotik
 Fauna -- aushfatra
 Fax -- raf-glakuv-sasau, raf-glakuv-sasaya
 Fear -- pthak (n.), ptha (v.)
 Fearful -- pthak-bosh
 Fearless -- pthak-fam
 Feast -- gadzhak (n.); gadzhai (v.)
 Feat -- torsh
 Feather (n.) -- kid
 Feathery -- kidik
 Febrile -- taulik
 Fecal -- pekh-, pekhik
 Fecalith -- pekh-kov
 Feces -- pekh
 Fecund -- brash-, brashik

Fecundity -- brash'es
 Fed, to be -- puyem-tor
 Federal (adj.) -- teruk
 Federation -- teraya
 Federation Standard English -- teraya-eingelsu
 Fee -- uz
 Feeble -- kobat(-)
 Feed (v.) -- yem-tor
 Feedback (n.) -- pla'fun
 Feeder -- yemek
 Feel (v.) -- olau
 Feeler -- olayek
 Feeler gauge -- olau-mik-yal
 Feeling (anat.) -- olaya
 Feign -- vup-tor
 Feint (n.) -- vup
 Feldspar -- tashuhl
 Fellow (n.) -- sasu (man); katravahsu (associate); besu (companion)
 Female -- ko(su) (n.); ko-, koyik (adj.)
 Feminine -- kogavik
 Femininity -- kogav'es
 Feminize -- koyau
 Femoral artery -- uzh-khaf-mev t'abru-mal
 Femoral nerve -- nen-wel t'abru-mal
 Femur -- abru-mal-hinek
 Fen -- map
 Fenestra -- krani
 Fenestration -- krani-sharushan
 Feral -- kwai(-) (wild); funkwai(-) (reverted to a wild state)
 Ferment (v.) -- siselau
 Fermentation -- siselaya
 Fermium -- sheh-tukh
 Ferocious -- keimen(-) (anc.)
 Ferocity -- keimen'es
 Ferric chloride -- reh-lafu t'shek-tukh
 Ferric oxide -- reh-eshu t'dah-shek-tukh
 Ferriferous -- shek-tukh-mayik
 Ferrous oxide -- eshu t'shek-tukh
 Ferrous sulfate -- vlau-keh-eshu t'shek-tukh
 Ferry -- mes-hali (n.); mes-lesh (v.)
 Ferryboat -- mes-masu-hali
 Fertile -- kanash-, kanashik
 Fertility -- kanash'es
 Fertilization -- vikantaya
 Fertilize -- vikantau
 Fertilizer -- kanash-tukh
 Fester (v.) -- vugau
 Festival (n.) -- gad-muf (anc.)
 Fetal -- tvi-kan-buyik (TGV); tenkan-, tenkanik (MGV)
 Fetch (retrieve) -- zaprah
 Fetid -- rasvil-, rasvilik
 Fetology -- tenkan-tal
 Fetoscope -- tenkan-zan-vel

Fetus -- tvi-kan-bu (TGV), tenkan (MGV)
 Feud -- naul, naul-tor
 Fever -- tau
 Feverish -- taulik
 Few -- zam-, zamik (adj.); zamu (n.)
 Fiancé -- sa-kugalsu
 Fiancée -- ko-kugalsu
 Fiber -- slah
 Fiber-optic cable -- ha'gel-slah-elakh
 Fiberglass -- slah-makh
 Fiberscope -- ha'gel-slahik zan-vel
 Fibrillate -- rikodikau
 Fibrillation -- rikodikaya
 Fibroid tumor -- slah-gnal
 Fibroma -- slah-gnal
 Fibromyositis -- dvunek-slah-yonshaya
 Fibrositis -- slah-nalatra-yonshaya
 Fibrous -- slah-, slahtik
 Fibrous tissue -- slah-nalatra
 Fibula -- vaukh-hinek
 Fiction (literature) -- glenokitau-tanaf
 Fictitious -- riyeh(-) (false); glenon-, glenonik (imaginary)
 Field (n.) -- solai (meadow, etc.); vunai (electromagnetic, etc.)
 Field coil -- vunai-pakuv
 Field current -- vunai-katrom
 Field discharge -- vunai-khrasaya
 Field frequency -- vunai-vakav'es
 Field generator -- vunai-ferek
 Field hand -- solai-zupsu
 Field magnet -- vunai-seshan-vel
 Field star -- sa'awek-yel
 Field strength -- vunai-karik'es
 Field test -- na-shid-nisan
 Field theory -- vunai-wihka
 Field winding -- vunai-kuvoran
 Fiend -- shaka
 Fiendish -- shakaik
 Fierce -- kei(-) (anc.)
 Fiery -- yonal-, yonalik
 Fifteen -- leh-kau
 Fifth -- kau'rak
 Fifty -- kau-leh
 Fight -- puk, puk-tor
 Fighter -- puku (person); puk-hali (vehicle)
 Fignant -- glenel (anc.)
 Figure (n.) -- khlop
 Figurine -- pi'sukhlop
 Filament -- pi'elakh (TGV); pelakh (MGV)
 Filament lamp -- pelakh-ha'gelek
 File (document) -- deik, deik-tor
 Filiform -- pelakh-shidik, (og-)elakh-shidik
 Fill -- boshau, boshaya
 Filler -- boshau-tukh

Filling (n.) -- boshak
 Film (n.) -- wontin (thin layer); ha'gel-dud (photography)
 Filter -- kapol; kapol-tor
 Filter bed -- kapol-lantra
 Filter feeder -- kapol-yokulek
 Filter paper -- kapol-dun
 Filtrate -- fna-kapol-masu (liquid), fna-kapol-tukh (solids)
 Filtration -- kapol-toran
 Fin -- ralek
 Finagle -- bukufunau
 Final (adj.) -- kim-, kim-shah (anc.)
 Finale -- kim-krus
 Finalist -- kimsu
 Finalize -- kim-tor
 Finally -- t'forti (anc.)
 Finance (v.) -- donkes-tor
 Financier -- donkessu
 Find -- talal, tal-tor
 Finder -- talek (device); talsu (person)
 Fine (adj.) -- tok-ti(-) (well); mapi' (very small); marom(-) (very good)
 Fine (penalty) -- dotokau, dotokaya
 Fine art -- rom-tanaf
 Fine-tooth comb -- beyi-zud-dref
 Fine-tune -- faika-tvelkau
 Finger (n.) -- ozh
 Fingernail -- ozh-felu
 Fingerprint (n.) -- ozhidar
 Fingerprint scanner -- ozhidar-glashayek
 Fingertip -- ozh-sfek
 Finish -- shaht, shahtau
 Finite -- soshah-, soshantik
 Fire -- yon (n.); pohshau (v.)
 Fire control -- pohshau-tash
 Fire engine -- tehn-yon-hali
 Fire foam -- tehn-yon-puhsh
 Fire retardant -- yon-vohr-tukh
 Fire suppressant -- yon-nelau-tukh
 Fire suppression system -- yon-nelau-torektra
 Fire wall -- yon-temok
 Firearm -- pohshayek (TGV), pohshek (MGV)
 Fireball -- yonkal
 Fireboat -- yon-masu-hali
 Firebomb (n.) -- yon-thorshek
 Firebreak -- yon-foshek
 Firebrick -- yon-dok
 Firecracker -- thorsh-leitri
 Firefight -- pohshautra
 Firefighter -- sayonotausu
 Firelight -- yon-ha'gel
 Fireman -- sayonotausu
 Fireplace -- yon-sha'ti
 Firepower -- pohshau-tepul
 Fireproof -- yon-teht

Fireside -- yon-shal
 Firewood -- yon-lapan
 Fireworks -- thorsh-kurosahlar
 Firm (adj.) -- pes-, pesik
 Firn -- maz-izh
 First -- wuh'rak
 First, at -- palikauk
 First aid -- nen-skasaya
 Fish -- aluk (n.); aluk-kum-tor (v.)
 Fishbone -- aluk-hinek
 Fishbowl -- aluk-kak
 Fisherman -- aluk-kumsu
 Fishhook -- aluk-kum-kik
 Fishing pole -- aluk-kum-fek
 Fission -- galu-dahshaya
 Fission bomb -- galu-thorshek
 Fission product -- galu-dahshau-torvak
 Fission reactor -- galu-dahshau-foleyek
 Fissionable -- galu-dahshau-yehat
 Fissiped -- el-ukalik
 Fissure -- thresh
 Fist (n.) -- ozh-dukal
 Fit (v.) -- nunau
 Five -- kaukuh
 Fix (v.) -- teslau (repair); nodolau (set into place)
 Fixation (chem.) -- nodolaya
 Fixed element -- nodo-velak
 Fixed point -- nodo-sfek
 Fjord -- klehp
 Flaccid -- nemosik
 Flag (n.) -- haifan
 Flagellum -- dvunel-pi'harr
 Flagon -- magol (anc.)
 Flagpole -- haifan-fek
 Flagship -- fik-hali
 Flagstaff -- haifan-zeh
 Flake (n.) -- wef
 Flambeau -- yonag (anc.)
 Flamboyance -- praskul'es
 Flamboyant -- praskul-, praskulik
 Flame (n.) -- yai
 Flameout (n.) -- yonan-pehkaya
 Flameproof -- yai-teht
 Flamethrower -- yon-pohshek
 Flammability -- yon-yehat'es
 Flammable -- yon-yehat
 Flap (aero.) -- pi'rala
 Flap angle -- pi'rala-vulu
 Flap setting -- pi'rala-dvolaya
 Flash -- kahai (v.), kahat (n.)
 Flash flood -- ak'wik-abrash
 Flash point -- kahai-sfek
 Flasher (device) -- kahatek

Flask -- mashek
 Flat -- pa'ash(-)
 Flatfoot -- pa'ash'ya (contraction of "pa'ash-ash'ya")
 Flatter (v.) -- snuhkrol-tor
 Flattery -- snuhkrol
 Flatulence -- pekhalan'es
 Flatulent -- pekhalan-mayik
 Flatus -- pekhalan
 Flaw (n.) -- lafot
 Fléchette -- pi'kli
 Flee -- sasahr-tor
 Fleet (n.) -- halitra
 Flesh (n.) -- kahm
 Flex (v.) -- tedvun-tor
 Flexible -- rubilauk (adaptable); tedvunik (pliable/pliant)
 Flexion -- tedvun
 Flexor (anat.) -- tedvunek
 Flexure -- tedvun(an)
 Flicker -- hanuvau, hanuvaya
 Flier (n.) -- hashsu (person); hashek (a thing that flies)
 Flight -- hash (act of flying); hashalan (trip); sasahr (escape)
 Flight control -- hash-tash
 Flight deck -- sov-hali-tol (aircraft carrier); hashsu-shal (cockpit)
 Flight engineer -- hash-mishek
 Flight envelope -- hash-greyan
 Flight level -- hash-pidek
 Flight path -- hash-yut
 Flight recorder -- hash-vipladayek
 Flight status -- hash-nosh
 Flight surgeon -- hash-hassu
 Flint -- kil-tukh
 Flip -- vathlau, vathlaya
 Flipper -- mahalek
 Float -- markek (n.); markau (v.)
 Floatplane -- markek-sov-hali
 Flocculant -- terkarf-tukh
 Flocculate -- terkarf, terkarf-tor
 Floccule -- terkarf-vel
 Flock -- treit (n.); (pa)treitau (v.)
 Floe, Ice -- le-suma-marshak
 Flood -- abrash, abrash-tor
 Floodgate -- masu-temep
 Floodlight (n.) -- zup-ha'gelek
 Floodplain -- abrash-eiktra
 Floodwall -- abrash-temok
 Floodwater(s) -- abrash-masu
 Floodway -- abrash-mashyut
 Floor (n.) -- lan-tol
 Floor lamp -- lan-tol-ha'gelek
 Floor plan -- lan-tol-torbesan
 Flora -- kastra
 Floral arranger -- svai-zehlausu
 Floret -- wuh-svai-krus

Florist -- svai-zhuksu
 Flotation -- markaya
 Flow -- yumau, yumaya
 Flow monitor -- yumau-thonek
 Flow regulator -- yumau-pakhartayek
 Flow sensor -- yumau-kashek
 Flower -- svai, svai-tor
 Flowmeter -- yumau-thonek
 Fluctuate -- kapralau
 Fluctuation -- kapralaya
 Flue -- samev
 Fluency (language) -- ek'ariben'es
 Fluent (language) -- ek'ariben-, ek'aribenik
 Fluid (n.) -- yumasu
 Fluidity -- yumasu'es
 Flume -- zhelesh-mashyut
 Fluoresce -- sau-ha'tanau
 Fluorescence -- sau-ha'tanaya
 Fluorescent -- sau-ha'tanauk
 Fluorine -- hosh-tukh
 Fluorocarbon -- hosh-nol-tukh
 Fluroscope (n.) -- sau-ha'tanau-gluvayekik zan-vel
 Flush -- kluhvau, kluhvaya
 Flush valve -- kluhvau-spunek
 Fluster -- paikau, paikaya
 Flute (musical instrument) -- kolchak
 Flutter -- nuv, nuv-tor
 Flux (n.) -- gasu
 Flux capacitor -- gasu-tsorek
 Flux coupler -- gasu-teretek
 Fluxmeter -- gasu-thonek
 Fly (v.) -- hash-tor
 Flyby (n.) -- meht-hashan
 Flying boat -- masu-sov-hali
 Flyover (n.) -- abru-hashan
 Flywheel -- ar'ka-halek
 Foam -- puhsh, puhshau
 Foamy -- puhshik (made of or resembling); puhshalik (covered by)
 Focal length -- thakau-wu-vath
 Focal plane -- thakau-pa'ashtra
 Focal point -- thakaya; teretau-sfek (math.)
 Focal ratio -- thakau-tavat
 Focus -- thakau, thakaya; teretau-sfek (math.)
 Focused, to be -- puthakau
 Focusing barrel -- thakau-wun-mev
 Foe -- hahf (adversary); nemut (enemy)
 Fog (n.) -- ihsek (anc.)
 Fog-drip -- ihsek-masu
 Fogbound -- ihsek-pasht
 Fogbow -- ihsek-kesek
 Foggy -- ihsekweik
 Foghorn -- ihsek-vikayek
 Föhn, Foehn (wind) -- lamekh-suk'kunel-salan

Foil (metal) -- moktin
 Fold -- hesha, heshan
 Foliage -- mortra
 Foliolate (adj.) -- mor-shidik
 Folic acid -- khub-sash
 Foliose -- mor-kahk
 Folk (n.) -- sular (general plural for people); sutra (populace)
 Folklore -- shasol-kethtra
 Folks -- mekhu (parents); sular(-ves) (people)
 Folktale -- sutra-varu
 Follicle -- pi'haf
 Follow -- zahal-tor
 Follower -- zahelsu
 Following (n.) -- zahalan
 Foment -- tauvolau
 Font -- hiktra (type); mashulek (fountain); shu-pal (source)
 Food -- yem-tukh
 Food chain -- yem-zektra
 Food dispenser -- yem-tanek
 Food poisoning -- yem-gisaman
 Food preparer -- pilsu
 Food synthesis unit -- yem-fereik-kebi
 Fool (n.) -- duhsu
 Foolery -- duh
 Foolish -- duh-, duhik
 Foolishness -- duh'es
 Foolproof -- vrav-teht
 Foot -- ash'ya (anc.)
 Footbridge -- lates-mesut
 Foothills -- nen-kunellar
 Footless -- ash'ya-fam
 Footpath -- lates-yut
 Footprint -- ash'yaidar
 Footwear -- ash'ya-sai-vel
 For -- na'
 Foramen -- sharu
 Forb -- ri-yarik bar-got
 Forbid -- zadau
 Forbidden -- zad-, zadik
 Force -- nekwitau, nekwitaya
 Force field -- fosh-vunai
 Force field barrier -- fosh-vunai-foshek
 Force field generator -- fosh-vunai-ferek
 Forced, to be -- punekwitau
 Forceful -- nekwitau-bosh
 Forceps -- ruskarayek
 Forcible -- nekwitau-yehat
 Ford -- masmezh, masmezhau
 Forearm -- ne-kar
 Forebears -- orfik-kel (anc.)
 Forebrain -- fa-shad
 Forecast -- fezanikau, fezanikaya
 Foredeck -- fa-lan-tol

Forefather -- orfik-sasu
 Forefinger -- kehr-ozh
 Forefront -- dan-fa-krus (foremost part); dan-fa-shi (foremost place)
 Foreground (n.) -- fa-mesu
 Forehead -- fa-patam
 Foreign -- k'shatri(-) (anc.)
 Foreigner -- k'shatrisu
 Foreleg -- fa-mal
 Foreman -- zup-fulagsu
 Foremast -- faik mashalo-thalv-lap
 Foremost -- dan-fa-, dan-faik
 Foremother -- orfik-kosu
 Forename -- wuhr-ahm
 Forepart -- fa-krus
 Foreplane -- fa-rala
 Foresee -- fa-glan-tor
 Foresight -- fa-glan
 Forestay -- fa-elakh
 Forewarn -- fa-vikau
 Forest -- laptra
 Forestry -- laptra-ek'tal
 Foretell -- fa'ariben
 Forever -- ek'wak
 Forge -- zhuk-fasek (n.); zhuk-fas-tor (v.)
 Forget -- yen-tor
 Fork (n.) -- snauk
 Form -- shid (n.); shidau (v., mold), shidorau (v., create, build)
 Formal (adj.) -- hotor-, hotorik
 Format -- yidor, yidor-tor
 Formation -- shidoraya
 Formatting -- yidoran
 Formless -- shid-fam
 Formula -- nik-tok (anc.)
 Formulate -- nik-tok-tor
 Fortress -- klomak (anc.)
 Forty -- keh-leh
 Forward(s) -- fa'rak
 Fossa -- pi'razh (depression, pit); skehl (groove)
 Fossette -- pi'razh
 Fossil (n.) -- vesht-ha-kov
 Fossilize -- kovau
 Foul (adj.) -- thruhk(-) (offensive); rislauk (impure); flalik (polluted)
 Found (v.) -- afer-tor
 Foundation -- nen (base); kel-nen (building); trahkel (establishment)
 Foundation pile -- (kel-)nen-nefek
 Foundation stone -- kel-nen-kov
 Founder (n.) -- afersu (establisher); vishizhuksu (foundry worker)
 Foundry -- vishizhukel
 Fountain -- mashulek (decorative); sayumak (spring); shu-pal (source)
 Fountainhead (source) -- nen-shu-pal
 Four -- kehkuh
 Fourteen -- leh-keh
 Fovea, Foveola -- pi'razh

Fowl (n.) -- kushel
 Fractal (n.) -- nup
 Fraction (math.) -- krusek
 Fracture -- shau, shaya
 Fragile -- shau-yehat
 Fragment -- karf, karfau
 Fragmentation -- karfaya
 Fragrance -- svail
 Fragrant -- svailik
 Frame -- nentu (n.); nentulau (v.)
 Framework -- nentu(tra)
 Francium -- uzh-tukh
 Fraternal twins -- t'dahsular s'natya-yu-murlar
 Fratricide -- kaisu-riyeht-staya
 Fraud -- tehs
 Fraudulent -- tehs-bosh
 Fray (v.) -- shrau
 Freckle (n.) -- pi'kur-shal
 Free -- el-, elik (adj.); el-tor (v.)
 Free charge -- el-falun
 Free electron -- el-u'gal
 Free radical -- el-galk
 Free will -- el-dvelan
 Freeborn -- el-keshtanik
 Freedom -- el'es
 Freeze -- le-sumau, le-sumaya
 Freeze-dry -- pseth-le-sumau
 Freezer -- le-sumayek
 Freezing level -- vok t'le-sumaya
 Freezing nucleus -- svitan-vel t'le-sumaya
 Freezing point -- sfek t'le-sumaya
 Frequency -- vakav'es
 Frequency band -- vakav'es-zhel
 Frequency converter -- vakav'es-rushanek
 Frequency deviation -- vakav'es-tekeret
 Frequency discriminator -- vakav'es-sakathilayek
 Frequency distribution -- vakav'es-sagan
 Frequency doubler -- vakav'es-dahtayek
 Frequency modulation (FM) -- vakav'es-nakihtilaya
 Frequency response -- vakav'es-kesaya
 Frequency synthesizer -- vakav'es-fereikek
 Frequency tolerance -- vakav'es-wivel'es
 Frequent (adj.) -- vakav-, vakavik
 Fresh -- slu-, sluk
 Freshwater (n.) -- slor-masu
 Friable -- hag-snaipauk
 Friction -- tetalaya
 Friction clutch -- tetalau-dan-runemek
 Friction drive -- tetalau-yeturek
 Friction feed -- tetalau-yemek
 Friction layer -- tetalau-tin
 Fried, to be -- pupol-tor
 Frieze (ornamental) -- fanet-zhel

Friend -- t'hai'la (pl. t'hai'lu)
 Fright -- kolthak
 Frighten -- koltha
 Fringe (n.) -- geldel (decorative border); rihk (edge)
 From -- s'
 From (a long way) -- kwi'
 From (a superior) -- fasei
 Frond -- wehk-mor
 Front (n.) -- khom (end); praduk (meteor.)
 Frost (n.) -- le-su (anc.)
 Frostbite -- le-suma-yontaya
 Frosty -- le-suyik
 Froth (n.) -- puhsh
 Frown -- kwal, kwal-tor
 Frozen (adj.) -- le-sumalik
 Fructification -- savasaya
 Fructify -- savasau
 Fructose -- savas-slor-tukh
 Fruit -- savas (n.); savasau (v.)
 Frustration -- nafuhlaya
 Fry (v.) -- pol-tor
 Fuchsia (color) -- ug'gahv-kur
 Fuel -- hal-tukh (n.), hal-tukhau (v.)
 Fuel injector -- hal-tukh-vipohshayek
 Fuel oil -- hal-elmin
 Fuel pump -- hal-tukh-spol
 Fuel tank -- hal-tukh-tuhlek
 Fugacious -- rikwon-, rikwonik
 Fulcrum -- snet
 Full -- bosh(-)
 Fumarole -- fal-pa-razh
 Fume (n.) -- panaz
 Fumigate -- panapu-tor
 Fumigation -- panapu
 Fun -- mihrsh (n.); mihrsh-bosh (adj.)
 Function (n.) -- (is-)kek (math.); is-lof (use)
 Fundamental -- nen-, nenik
 Fundamental form -- nen-shid
 Fundamental group -- nen-travek
 Fundamental particle -- nen-pi'gal
 Fundamental system -- nen-torektra
 Fundamental unit -- nen-kebi
 Funds -- donketu
 Funeral -- mem-lu til-kum (anc.)
 Fundus -- nafek-nen
 Fungus -- luk
 Funnel (n.) -- woht
 Fur (n.) -- ausachya
 Furuncle -- pi'tak
 Fuscous -- mu-kur
 Fuse -- shau-vel (n.); kaunshau (v.)
 Fuselage -- vukh
 Fusiform -- magu-shidik

Fusion -- nala-kaunshaya (biology); galu-kaunshaya (physics)

Fusion reactor -- galu-kaunshau-folayek

Future -- fa-wak

Fuzz -- zihn

Fuzzy logic -- zih-olozhika

Gabion -- krohk

Gable -- an-bet (anc.)

Gadget -- zuvel

Gadolinium -- tuvar-tukh

Gain -- nazh(-kap), nazh-tor

Gain control -- nazh-tash(ek)

Galactic -- yel-halek-, yel-halekik

Galactic circle -- yel-halek-kuv

Galactic coordinate -- yel-halekik shi-kethel

Galactic noise -- stukh-ralash

Galactic plane -- yel-halek-pa'ashtra

Galactic rotation -- yel-halek-dan

Galaxy -- yel-halek

Gale -- karik salan

Galena (lead ore) -- ras-kov

Gall (med.) -- thel'a-zalu-masu

Gall bladder -- thel'a-zalu-nafek

Gallery -- tanaf-shi'gluvaun (place that displays artworks)

Galley -- af'tum (kitchen); suk'fel-masu-hali (ship)

Gallium -- bral-tukh

Gallop -- ausahr, ausahr-tor

Gallows -- geld-stau-mentu

Gallstone -- kov s'thel'a-zalu-nafek

Galvanize -- tsautau

Game (n.) -- zhagra

Gamete -- vinik guv-nala

Gametocyte -- rivinik guv-nala

Gametogenesis -- guv-nala-storaya

Gamma radiation -- pih-saya

Gamophobia -- kun-ut-pthak

Gang hook -- wehk-kik

Gang mold -- zehl-kushizh-vel

Gang saw -- zehl-zuneshek

Gang switch -- zehl-dvelek

Ganglion (nerve) -- weltra

Gangplank -- thro-dohn

Gangrene (n.) -- nalatra-yem-tevakh

Gangway -- thro-yut

Gantry -- zup-thro-kispek (rocketry); abonentu (support frame)

Gap (n.) -- haf

Garage (n.) -- pi'hali-kel

Garbage -- guhsh

Garden (n.) -- bah-ker (anc.)

Gardener -- bahsu

Gargantuan (adj.) -- masuk'

Gargle (v.) -- snuhglau

Garment (n.) -- ain

Garnet -- kaht
 Garret -- kamu-tvi-shal
 Garrison (n.) -- shi'ask'ersu
 Garter -- ash'ai-zhel
 Gas (oxygen, etc.) -- pa-tukh
 Gas constant -- pa-tukh-ek'kat
 Gas exchange -- pa-tukh-di'kizh
 Gas flow separator -- dahshayek t'pa-tukh-yumaya
 Gas gangrene -- nalatra-yem-tevakh k'pa-tukh
 Gas grenade -- pa-tukh-thorshek
 Gas mask -- pa-tukh-limein
 Gas pipe -- pa-tukh-mev
 Gas turbine -- mor-dayek t'pa-tukh
 Gaseous exchange -- pa-tukh-di'kizh, pa'kizh
 Gasket -- fen-tivel
 Gasoline -- hal-masu
 Gasoline engine -- hal-masu-mishu
 Gasometer -- pa-tukh-thonek
 Gasp -- hushau, hushaya
 Gastight -- pa-tukh-fenk
 Gastrectomy -- skaun-sa'haf-snem
 Gastric gland -- skaun-sa'haf-pi'nafek
 Gastric juice -- skaun-sa'haf-masu
 Gastric ulcer -- skaun-sa'haf-razhen
 Gastritis -- skaun-sa'haf-yonshaya
 Gastroenteritis -- yonshaya t'neik-skaun-ek'ur
 Gastroenterology -- skaun-ek'ur-tal
 Gastroesophageal reflux -- pla'yumaya t'skaun-sa'haf-tuhllar
 Gastrointestinal tract -- neik-skaun-ek'ur
 Gastropod -- ek'ash'ya
 Gasworks -- pa-tukh-kebitra
 Gate (n.) -- temep
 Gatekeeper -- temep-dvinsu
 Gatepost -- temep-lehk
 Gateway -- temep-sharu
 Gather -- hoknau
 Gathering -- hohnaya
 Gauge (n.) -- mik-yal
 Gavage -- mev-yeman
 Gear (n.) -- zud-halek (mechanical); tanovau-tukh (supplies)
 Gel -- khlup, khlupau
 Gem -- ek'zer
 Gender -- guv
 Gender identity -- guv-sha'es
 Gene -- tol
 Gene flow -- tol-yumaya
 Gene pool -- tol-patra
 General -- pa'es-, paik (adj.); kahr-lan (rank)
 General adaptation -- pa'es-rubilaya
 General anesthesia -- ek'kashan-ne-meil
 General diameter -- pa'es-fna-thon
 General position -- pa'es-rak
 Generate -- fer-tor

Generator -- ferek
 Genesis -- tveshu (origin); storaya (creation)
 Genetic -- tol-, tolik
 Genetic code -- tol-kiht
 Genetic disease -- tol-has
 Genetic engineering -- tol-mish-tal
 Genetic marker -- tol-ulidek
 Genetics (study) -- tol-tal
 Genitalia, External -- si-guv-kruslar
 Genome -- tol-var
 Genotype -- tol-ves
 Genus -- komak
 Geochemistry -- solektra-meil-tal
 Geodesic -- skonn-zehlik
 Geohydrology -- ne'rak-masu-tal
 Geology -- solektra-tal
 Geomagnetic activity -- solektra-seshan-toran
 Geomagnetism -- solektra-seshan
 Geometric distribution -- khlop-thon-sagan
 Geometric sequence -- khlop-thon-zehlanaya
 Geometric series -- khlop-thon-weizehl
 Geometry -- khlop-thonik su'us-ek'tal
 Geomorphology -- solektra-shid-tal
 Geophysics -- solektra-tor-tal
 Geophyte -- ne-lesh-kastik
 Geosuture -- kovtra-ragel-shal
 Geriatrics -- shakhu-tal
 Germ -- talvot
 Germanium -- tovek-tukh
 Gerontology -- shakhuvaya-tal
 Gestation -- sudef-wak
 Get -- prah
 Get back -- zaprah
 Get by -- panavau
 Geyser -- masu-pohshuk
 Ghost -- tam'a (anc.)
 Giant (n.) -- masuk'veh
 Gift -- tan (present); ta'an (older form for very valuable items)
 Gigantic -- masuk'
 Gill -- masu-eshanek
 Gingiva -- zud-nalatra
 Gingivitis -- zud-nalatra-yonshaya
 Girl -- ko-kan
 Give -- tan-tor
 Give access -- throks (anc.)
 Given, to be -- putan-tor
 Gizmo -- zuvel
 Glaciation -- (ek')le-suma-wein
 Glacier -- dvun-le-sumatra
 Glaciology -- le-suma-tal
 Gland -- pi'nafek
 Glass -- makh
 Glassblower -- makh-salursu

Glasses (spectacles) -- (bezhun-)zaneshu
 Glassmaker -- makh-zhuksu
 Glaucoma -- (ritsuri) bezhun-ne'hish-nosh
 Glob -- vihk
 Globe -- ek'tra-dukal
 Globular cluster -- dukal-yel-travek
 Glossalgia -- lahv-kusut
 Glossitis -- lahv-yonshaya
 Glottis -- spes-vel
 Glow -- min, min-tor
 Glucose -- nen-slor-tukh
 Glucosuria -- ritsuri-nosh t'nen-slor-tukh svi'vazh
 Glut -- (pid-)mau-tan
 Gluteus -- pla'krus-dvunek
 Glutton -- (yem-)mausu
 Glycosuria -- pid-nosh t'slor-tukh svi'vazh
 Gneiss -- thrakh (anc.)
 Gnomon -- kruhk
 Go -- hal-tor
 Goal -- terai
 God -- ekon; Oekon
 Gold (n.) -- kin-tukh
 Gold foil -- kin-tukh-thalv
 Gold leaf -- kin-tukh-mor
 Golden -- kin-kur
 Goldenrod (color) -- yelas-kur
 Gonad -- guv-nafek
 Gonadotropin -- dau-tukh t'guv-nafek
 Gong (n.) -- kep
 Good -- rom
 Goofy -- duh-, duhik
 Googol -- teh-ri-su'us
 Gorn (being/language) -- Gornarsu
 Grab -- runem, runem-tor
 Graben (geol.) -- dvun-zehl-treshaya
 Gradient -- vulak
 Grain -- yartik
 Grammar -- zhit-isan
 Granite -- zasuhl (anc.)
 Grant (v.) -- vahl
 Graph -- sfek-besan (n.), sfek-bes-tor (v.)
 Graphite -- lerash-nol-tukh
 Grasp -- ruskarau, ruskaraya
 Grass -- yar
 Grassland -- yartra
 Grave (n.) -- shi'vukhut
 Gravel -- krus-kov
 Gravimeter -- ne-seshan-thonek
 Gravimetric pulse -- seshilan-sagaya
 Gravimetric scanner -- seshilan-glashayek
 Gravimetric shear -- seshilan-eitaya
 Gravitic mine -- seshu-ip-thorshek
 Graviton -- sesh'gal

Graviton beam -- sesh'gal-zehlek
 Graviton field -- sesh'gal-vunai
 Graviton stabilizer -- sesh'gal-tihetilayek
 Gravity -- ne-seshan
 Gray -- zhai-kur
 Gray matter -- zhai-nalatra
 Great -- lo'uk
 Greater than (math.) -- weht do
 Green -- yar-kur
 Greenhouse -- kastik-kel
 Greenhouse effect -- kastik-kel-daya
 Greenhouse gas -- pa-tukh t'falek-pash
 Greenstick fracture -- treshau-shaya (TGV), treshaya (MGV)
 Greet -- na'shau
 Greeted, to be -- puna-shau
 Greeting -- na'shaya
 Grenade -- lehm-thorshek
 Grid (n.) -- vis
 Grief -- tushat
 Grind (v.) -- grazhau
 Grinder -- grazhayek
 Groin -- neikah
 Gross anatomy -- nen-vukhut-tal
 Ground -- solektra
 Ground cover -- lap-solektra-wein
 Ground layer -- kas-solektra-tin
 Groundwater -- ne'rak-masu
 Group (n.) -- travek
 Grove -- pi'laptra
 Grow -- to'ovau
 Growing season -- to'ovau-tevun-yonuk
 Growth -- to'ovaya; to'ovak (biol., med.)
 Growth hormone -- to'ovau-dau-tukh
 Growth regulator -- to'ovau-khartek
 Guard -- klashausu (n.), klashau (v.)
 Gubernaculum -- pihlora-vel
 Guest -- be'hai'la (anc.)
 Guide -- kakhartau (v.); kakhartayek (mech.), kakhartausu (person)
 Gulf (ocean.) -- suk'tchol
 Gullet -- yokul-mev
 Gum -- lag
 Gums (mouth) -- zud-wadi
 Gun -- pohshayek (TGV), pohshek (MGV)
 Guyot -- masutra-pa'ash-kunel
 Gymnosperm -- riwein-nei-kastik
 Gynecologist -- ko-hassu
 Gynoecious -- ko-gohik
 Gynoecium -- ko-svai-krus
 Gypsum -- aukh (anc.)
 Gyrodyne relay -- pada-toranu-gol'dvunek
 Gyromagnetic stabilizer -- pada-seshan-tihetilayek
 Gyroscope -- vo'ekti-padanek

Habit(s) -- es'merka (anc.)
 Habitat -- ha'kiv-shal
 Hafnium -- dzhanya'an-tukh
 Hail (n.) -- masu-kov
 Hair -- isach (single strand), isachya (multiple strands)
 Hair follicle -- isach-kal
 Half -- ulef (anc.)
 Half-life -- ulef-ha'kiv
 Halite -- alem-kov
 Hall, Hallway -- tvur
 Hallux -- wuh'rak gof
 Halo -- pau
 Halophilic -- alem-ashauk
 Halophyte -- alem-solektra-kastik
 Hammada (geol.) -- salan-fleit-skonn
 Hammer -- mah-vel (n.), mah-tor (v.)
 Hand -- el'ru (anat.); elek (clock, gauge)
 Hand grenade -- (el'ru-)lehm-thorshek
 Hand phaser -- el'ru-wek-zehlek
 Handle (n.) -- el'rek
 Hang -- geldau, geldaya
 Hangar -- hali-kel
 Happen -- pavesh-tor
 Happy -- kunli(-)
 Harass -- smertau
 Harassment -- smertaya
 Hard -- lerash(-)
 Harden -- lerashau
 Hardness -- lerash'es
 Harm (v.) -- klau
 Harmonic coordinate -- kril-shi-kethel
 Harmonic distribution -- kril-sagan
 Harmonic equation -- kril-vo'ihn
 Harmonic function -- kril-kek
 Harmonic number -- kril-su'us
 Harmonic sequence -- kril-zehlanaya
 Harmonic series -- kril-weizehl
 Harmony -- kril'es
 Hassium -- leh-keh-tukh
 Hat -- taik (modern, military, etc.), patam-sai (traditional)
 Hatch (n.) -- thro-svep
 Hate (n.) -- fnu-ven (anc.)
 Have (own) -- ma
 Have (participial) -- ki'
 Head (anat.) -- patam
 Heal -- hakau
 Healer -- hakausu
 Healing -- hakaya
 Health -- muhl'es
 Healthy -- muhl-bosh
 Heap (n.) -- tuh
 Hear -- zhu-tor
 Heard, to be -- puzhu-tor

Hearing (med.) -- zhu
 Heart -- khaf-spol
 Heart attack -- khaf-spol-mahai
 Heart chamber -- tvi-shal t'khaf-spol
 Heart failure -- khaf-spol-vravshaya
 Heart rate -- khaf-spol-tav
 Heart valve -- khaf-spol-spunek
 Heartbeat (rhythm) -- nel-dath t'khaf-spol
 Heartburn -- skaun-yon
 Heat -- falek, falek-tor
 Heater -- falekek
 Heaven -- oigen
 Heavy -- ras (anc.)
 Hectagon -- teh-vla
 Heel (n.) -- timut
 Height -- pidek
 Hekistotherm -- pid-samek-kastik
 Held, to be -- pumeskarau
 Helicopter -- da-rala-hali
 Heliophyte -- ek'ha'gel-kastik
 Helium -- tahal-tukh
 Helix -- kulan
 Hell -- bogozh (anc.)
 Helm (station) -- dakharau-shal
 Helophyte -- ulef-masu-kastik
 Help -- gol'nev (n.), gol-tor (v.)
 Helper -- gol'nevsu
 Hemangioma -- khaf-mev-gnal
 Hematology -- khaf-tal
 Hematoma -- khaf-yarek
 Hematuria -- vazh-khaf-nosh
 Hemoglobin -- khaf-esh-meil
 Hemolytic anemia -- ritsuri-nehaya-nosh t'khaf-meil
 Hemophilia -- ritsuri-vihk-nosh
 Hemorrhage -- khafaya
 Hemostasis -- khafau-pehkaya
 Hepatitis -- nehasamek-yonshaya
 Hepatology -- nehasamek-tal
 Hepatoma -- nehasamek-gnal
 Heptadecagon -- leh-steh-vla
 Heptagon -- steh-vla
 Herb -- bar-got (anc.)
 Herbivore -- kastik-yokulsu
 Herd (n.) -- kuht
 Here -- la, la'
 Hereditary -- samekhik
 Heretic -- ak'spra (anc.)
 Hermaphrodite -- on-kuvsu
 Hermaphroditic -- on-kuvik
 Hernia -- faka
 Herpetology -- ukraluk-tal
 Hesitation -- vaunah
 Hesperidium -- duf-krus-savas

Heterochrony -- natya-wak-vin
 Heterogamete -- natya-guv-nala
 Heterogamy -- natya-guv-kanashivaya
 Heteromorphic -- natya-shidik
 Heterophylly -- natya-mor-nosh
 Heterosis -- rish-hakar
 Hexadecagon -- leh-sheh-vla
 Hexagon -- sheh-vla
 Hexahedron -- sheh-muk
 Hexaoctahedron -- sheh-oh-muk
 Hexose -- sheh-slor-tukh
 Hiatus -- sharu (med.); tin-svi'shaya (geol.)
 Hiccup -- huhk, huhk-tor
 Hide (v.) -- ip-sut (anc.)
 Hidden (adj.) -- ip-, ipik
 High -- pid
 High plain -- pid-eiktra
 High tide -- pid-mashen
 High-water interval -- svi-wak t'pid-masu
 High-water mark -- ulidar t'pid-masu
 Highland(s) -- pid-shal(tra)
 Hill -- kunel
 Hilum -- tersau-ulidar
 Hindsight -- za-glan
 Hinge (n.) -- tu'adayek
 Hip -- gaf
 Hirsutism -- isach'es-nosh
 Hiss -- shisya, shisau
 Histochemistry -- numo-kelek-tal t'nala eh nalatra
 Histology -- numo-kelek-tal
 Historic -- vesht-varik
 History -- vesht-var
 Hit -- kwul, kwul-tor
 Hoax (n.) -- tasadi
 Hodgepodge -- pa-rish
 Hold -- meskarau, meskaraya
 Holding cell -- potau-tvi-shal
 Hole -- razh
 Holmium -- te'rikh-tukh
 Holo-emitter -- reh-bikuv-sayek
 Holodeck -- reh-bikuv-sutauk
 Hologram (object or non-sentient being) -- reh-bikuv
 Hologram (image of sentient being) -- reh-bikuvsu
 Holographic projector -- reh-bikuv-salehmek
 Holomatrix -- reh-bikuv-viskulan
 Holy -- vai
 Home -- ha-kel
 Homeostasis -- tihet-vo'ektilahr-venek
 Homosexual (n., male) -- sa-ka-ashausu
 Homosexual (n., female) -- ko-ka-ashausu
 Honest -- trau
 Honesty -- trau'es
 Honor -- dor, dor-tor

Honorable -- dorli (anc.)
 Honored, to be -- pudor-tor
 Hood -- fash
 Hook (n.) -- kik
 Hope -- rok, rok-tor
 Horizon -- ir-zehl
 Horizontal -- yutik
 Horizontal fault -- yutik dvun-zehl
 Hormone -- dau-tukh
 Horn (of an animal) -- stonn
 Horotely -- bov-wakrubaya
 Horripilation -- isachya-shen
 Horst (geol.) -- dvun-zehl-shen
 Hospital -- shi'has
 Host (n.) -- kasu
 Hot -- fal
 Hour -- wadan
 House -- kelek
 How -- uf
 Howl -- vlut (n.), vlur (v.)
 Huge -- masuk'
 Hull -- vukh
 Human (adj.) -- komihn
 Humerus -- abru-kar-hinek
 Humid -- sov-masupik
 Humidity -- sov-masu'es
 Humification -- ha-solek-storaya
 Humus -- ha-solek
 Hunger (n.) -- avon (anc.)
 Hunger (v.) -- avon-telik (anc.)
 Hungry -- k'avon
 Hurricane -- suk'masutra-eshu'a
 Hurt (to injure) -- dash-tor
 Husband -- sa-telsu
 Hyaline -- makhik
 Hyaline cartilage -- nen-rihinek
 Hybrid -- rish-ha-vel
 Hybrid vigor -- rish-hakar
 Hybrid zone -- rish-ha-shal
 Hydraulic action (geol., physics) -- dvun-masu-torai
 Hydraulics (study) -- masu-mish-tal
 Hydremia -- ritsuri-pid-tavat t'khaf-masu
 Hydric -- pid-masu'es-kasik
 Hydroclastic rock -- masu-torai-kov
 Hydrodynamics -- masu-dvun-tal
 Hydrogen -- masu-tukh
 Hydrolith -- samasu-kov
 Hydrologic(al) cycle -- masu-da-nel
 Hydrology -- masu-tal
 Hydrolysis (biochem.) -- tukh-masu-folaya
 Hydrometeorology -- sov-masu-tal
 Hydrometer -- masu-thonek
 Hydronephrosis -- ritsuri-masu-sa'ovaya t'kapol-nafek

Hydrophobia -- masu-pthak
 Hydrophyte -- pid-masu'es-kastik
 Hydroponics -- risolek-to'ovayek
 Hydrospanner -- vunai-mish-raul
 Hydrosphere -- masu-ek'shal
 Hydrostatics -- masu-shom-tal
 Hydrothermal deposit -- fal-masu-titaya
 Hygrometer -- sov-masu-thonek
 Hygrophilous -- masu-shal-ashauk
 Hygroscopic nucleus -- svitan-vel t'masu-shidau
 Hygroscopic water -- solek-potau-masu
 Hyoid bone -- lahv-hinek
 Hyperbaric chamber -- tvi-shal t'pid-sov-ne'hish
 Hyperbola -- pidvalu
 Hyperbolic geometry -- pidvalu-khlop-thonik su'us-ek'tal
 Hyperbolic plane -- pidvalu-pa'ashtra
 Hyperbolic point -- pidvalu-sfek
 Hypercapnia -- pid-nosh t'dah-eshu t'nol-tukh svi'khaf
 Hyperemia -- pid-shal-khaf
 Hypergeometric distribution -- pid-khlop-sagan
 Hypergeometric function -- pid-khlop-kek
 Hypergeometric series -- pid-khlop-weizehl
 Hyperglycemia -- pid-nosh t'khaf-slor-tukh
 Hypernea -- sahris-eshan
 Hyperopia -- za-thakau-nosh
 Hyperpigmentation -- ritsuri-pid-nosh t'wadi-kur
 Hyperplasia -- pid-krus-storaya
 Hyperpyrexia -- ritsuri-pid-nosh t'vukhut-falek'es
 Hypertension -- pid-khaf-ne'hish
 Hypertrophy -- krus-sukaya
 Hypervelocity impact -- kwul t'dan-pid-threshan
 Hyperventilation -- nuh'mau-eshan
 Hyphen -- pakh
 Hypogean -- ne-solektra-hatik
 Hypoglossal nerve -- vinem-lahv-wel
 Hypoglycemia -- neik-nosh t'khaf-slor-tukh
 Hypolimnion -- glu-masu-tin t'suk'muzh
 Hypopigmentation -- ritsuri-neik-nosh t'wadi-kur
 Hypoplasia -- neik-krus-storaya
 Hypospray -- pa-vipohtek
 Hypotension -- neik-khaf-ne'hish
 Hypotenuse -- sames-vulu-zehl
 Hypothalamus -- is-lof-svitan
 Hypothesis -- ul-wihka
 Hypoxia -- nuh'neik-esh-tukh svi'khaf
 Hysterectomy -- sudef-snem

 Ice -- le-suma (anc.)
 Ice age -- le-suma-pal
 Ice floe -- le-suma-marshak
 Ice shelf -- le-suma-eiktra
 Iceberg -- (masutraik) le-suma-vel
 Ictus -- mahai

Ideal (n.) -- tangu
 Ideal number -- tangu-su'us
 Ideal point -- tangu-sfek
 Identical -- ka
 Identical twins -- t'dahsular s'ka-yu-mur
 Identification -- shasutan
 Identify -- shasutan-tor
 Identity -- sha'es
 If -- kuv
 Igneous rock -- zul-kov
 Ignite -- yon-tor
 Igniter -- yonek
 Ignition -- yonan
 Ignore -- bau-tor
 Ignored, to be -- pubau-tor
 Iliac artery -- uzh-khaf-mev t'neik-vukhut
 Iliac vein -- os-khaf-mev t'neik-vukhut
 Ill -- has-bosh
 Illness -- has-mar
 Illogical -- riolozhikaik
 Image -- glakuv, glakuvau
 Imaginary -- glenon-, glenonik
 Imaginary number -- glenon-su'us
 Imaginary point -- glenon-sfek
 Imagination -- glenonaya
 Imagine -- glenonau
 Imitate -- va'amau
 Immature -- rivin-, rivinik
 Immediate(ly) -- iyi
 Immiscible -- rirish-yehat
 Immune -- tefosh-, tefoshik
 Immune response -- tefosh-kesaya
 Immune system -- tefosh-torektra
 Immunity -- tefosh'es
 Impact -- kwul, kwul-tor
 Impede -- rashertau
 Implant -- vishitau, vishitaya
 Important -- yauluhk (anc.)
 Impregnate -- viyatau
 Improptu -- rikoplan-, rikoplanik
 Impulse drive -- kwitau-yeturek
 Impulse engine -- kwitau-mishu
 Impulse flow regulator -- kwitau-yumau-pakhartayek
 In (prep.) -- svi'
 In situ -- tvi-shitik (med.); svi'rak
 In utero -- tvi-sudefik
 In vitro -- saha-velik
 In vivo -- tvi-ha-velik
 Inactive -- yukup-, yukupik
 Incision -- nesh
 Incite -- tauvolau
 Incline -- vul, vul-tor
 Inclinator -- galat-thonek

Include -- vinam-tor
 Inclusion -- vinam
 Inclusion map -- vinam-besan
 Indeed -- sprah
 Indehiscent -- rinei-savas-tu'ashik
 Independence -- tikopah (anc.)
 Index -- nakh, nakh-tor
 Index finger -- kehr-ozh
 Indicator -- yal
 Indigenous -- salatik
 Indigo -- mu'pla-kur
 Indium -- nuhsh-tukh
 Individual (person) -- wuhsu
 Indolent -- vohris-storaya
 Induce -- vimevilau
 Inducer -- vimevilayek
 Induction -- vimevilaya
 Induction grid -- vimevilau-vis
 Induction modulator -- vimevilau-nakihtilayek
 Induction stabilizer -- vimevilau-tihetilayek
 Induration -- lerashaya
 Inertial damper -- kahla-fishek
 Infant -- kan-bu
 Infarction -- tev-nalatra-storaya
 Infection -- vivotaya
 Infertile -- rikanashik
 Infinite -- va'; vaik
 Infinity -- va'es
 Inflammation -- yonshaya
 Inflate -- visovau
 Influent -- vi-yumuk
 Inflorescence -- wek-svai-velek
 Information -- ro'fori (anc.)
 Infructescence -- wek-savas-velek
 Infusion -- vismashaya
 Ingest -- yokul
 Inguinal hernia -- neikah-faka
 Inhalation -- vi'le-eshan
 Inhale -- vi-esh-tor
 Inherent -- tvi-keshik
 Inhibit -- netehnovau
 Inhibitor -- netehnovayek
 Initiator -- palikayek
 Inject -- vipohshau
 Injection -- vipohshaya
 Injector -- vipohshayek
 Injure -- dash-tor
 Injury -- dash
 Ink (n.) -- neshuk
 Inner -- tvi-, tvik
 Inner ear -- tvi-kaluk
 Inner hatch -- tvi-thro-svep
 Inoculation -- vi-kasaya

Inoculum -- vi-kas
 Insect -- ravot
 Inselberg (geol.) -- sa'awek-koval
 Inside -- svi'; svi'udish
 Insignia -- terseht
 Insignia communicator -- terseht-sviribayek
 Inspiration -- vi'le-eshan
 Insemination -- sa-neitaya
 Instability -- rifahet'es
 Institute (n.) -- trahokna
 Institution -- trahokna
 Insulin -- slor-dau-tukh
 Insult (v.) -- wahtau
 Intake (mech.) -- prah-vel
 Integer -- ek'su'us
 Integral (n.) -- ketil
 Integral calculus -- ketilik pitoh-su'us-ek'tal (TGV), ketil-su'us-ek'tal (MGV)
 Integral equation -- ketil-vo'ihn
 Integrate -- ketilau
 Integration matrix -- ketilau-viskulan
 Integrator -- ketilayek
 Integrity -- ket'es
 Integumentary system -- ek'wadi-torektra
 Intellect -- kash-to-vel (anc.)
 Intelligent -- kash-tok (anc.)
 Intensity -- flan'es
 Intercept -- fnakau, fnakaya
 Intercom -- tvi-sviribayek
 Intercom system -- tvi-sviribau-torektra
 Intercom unit -- tvi-sviribau-kebi
 Intercooler -- tvi-samuyek
 Interest (n.) -- set'ko
 Interesting -- set'ki
 Interface (n.) -- tvihanek
 Interfere -- snertau
 Interior angle -- tvi-vulu
 Interlink -- tvinaf
 Intermittent -- rilik
 Intermittent stream -- rilik pilash
 Intermix chamber -- rish-folau-tuhlek
 Internal combustion engine -- tvi-yontau-mishu
 Internal injury -- tvi-dash
 Internal organs -- tvi-nafeklar
 Internal security monitor -- tvi-shar-glantayek
 Internal transporter node -- tvi-ifisek-kal
 Interphase -- tvi-wek
 Interphasic coil spanner -- tvi-wekik pakuv-mish-raul
 Interplexing beacon -- tvi-wehkilau-glaribek
 Interrupt -- svi-shau
 Interruption -- svi-shaya
 Intersect (v.) -- tvimesau
 Intersection -- tvimesaya
 Interstice -- tvi-stukh

Interval -- tvi-eku (math.); tvi-wak (pause)
 Intestine -- pekh-mev
 Into -- vi'
 Intraosseous -- vihinekik
 Intravasation -- vimevaya
 Intravenous -- viosik
 Introduce -- ragtau
 Introduced, to be -- puragtau
 Introduction -- ragtaya
 Intrude -- vi-kwitau
 Intrusion -- vi-kwitaya
 Invent -- fereik-tor
 Invention -- fereik-vel
 Inventor -- fereiksu
 Inverse (adj.) -- abomesauk
 Inversion -- abomesaya
 Invert -- abomesau
 Inverter -- abomesayek
 Investigate -- men-hil-tor
 Investigator -- men-hilsu
 Involuntary -- shatipik
 Iodine -- nesh-tukh
 Ion -- falun-krus
 Ion drive -- falun-krus-yeturek
 Ion transtator -- falun-krus-mesnoshek
 Ionization -- falun-shetaya
 Ionosphere -- falun-shetau-ek'shal
 Iridium -- ahl-tukh
 Iridoncus -- kurak-puv
 Iridotomy -- kurak-sharushan
 Iris -- kurak
 Iritis -- kurak-yonshaya
 Iron (metal) -- shek-tukh
 Irregular -- ripakhaik
 Island -- vikuvtra
 Isobar -- ka-ne'hish-zehl
 Isodyne relay -- ka-toranu-gol'dvunek
 Isohedron -- ka-vla
 Isokinetic cannon -- ka-dvun-thorshun
 Isokinetic containment field -- ka-dvunik tuhla-vunai
 Isolation hatch -- dahshau-shal-svep
 Isolinear buffer circuit -- ka-zehlik fukat-raf-kuv
 Isolinear emitter -- ka-zehlik sayek
 Isolinear memory chip -- ka-zehlik vokau-val
 Isolinear processor -- ka-zehlik patorayek
 Isolinear static memory core -- ka-zehlik vit-vokau-tviyan
 Isomagnetic conduit -- ka-seshan-mev
 Isosceles trapezoid -- dah-kaik wuh-vlavla-vel
 Isosceles triangle -- dah-kaik reh-vla
 Isotherm -- ka-falek'es-zehl
 Isotope -- galu-dahsu
 Isthmus -- solektra-naf
 Irritant -- ornat (anc.)

Irritate -- ornai (anc.)
Irritated -- orniaga (anc.)
Itch -- drizh, drizh-tor
Itching -- drizhan
Iterate -- ashivau
Iteration -- ashivaya
Iterative evolution -- ashiv-velek-wakrubaya

"J" to "L"**ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU****>J< na' >L<**

Jade -- yar-kov
 Jar (n.) -- kak
 Jaundice -- kur-nosh t'thel'a-zalu-masu svi'khaf
 Jaw -- ahs
 Jealous -- kis-ka (anc.)
 Jeffries tube -- thro-mev t'Dzhefris
 Jelly -- khlup
 Jewel -- ek'zer (anc.)
 Jewelry -- ek'zeru (anc.)
 Join together -- terau
 Joint (anat.) -- lesek
 Joke (n.) -- kha'wal (anc.)
 Journey -- halovau, halovaya
 Joy -- mak
 Jugular vein -- os-khaf-mev t'talu
 Juice (med.) -- samasu
 Juice, Fruit -- savas-masu
 Jump (v.) -- spen-tor
 Jungle -- nu'ri-masu-laptra
 Justice -- yeht-gav

Kalemia -- spoh-tukh svi'khaf
 Karst plain (geol.) -- bogosh-eiktra
 Karyokinesis -- nala-dahsaya
 Karyolymph -- nala-svitan-masu
 Karyolysis -- nala-svitan-nehaya
 Karyon -- nala-svitan
 Karyotype -- toltra-besan
 Keel (ship) -- (masu-hali-)plat
 Keep (v.) -- potau
 Keratalgia -- bezhun-wadi-kusut
 Keratin -- si-ketek
 Keratitis -- bezhun-wadi-yonshaya
 Keratoderma -- stonn-wadi
 Keratopathy -- bezhun-wadi-has
 Kernel -- nei-eku
 Ketoacidosis -- nalesh-sash-nosh
 Ketone -- nalesh(-tukh)
 Ketone body -- nalesh-vel
 Ketonemia -- ritsuri-pid-nosh t'nalesh-vellar svi'khaf
 Ketonuria -- ritsuri-pid-nosh t'nalesh-vellar svi'vazh
 Ketose -- nalesh-slor-tukh
 Ketosis -- pid-nalesh-nosh
 Key -- tal-muv (anc.); neik-vikuvtra (ocean.)
 Keyboard -- ozh-svin-math
 Kidney -- kapol-nafek
 Kill (v.) -- stau
 Killed, to be -- pustau
 Kind (type) -- ves

Kinesiology -- vukhut-dvun-tal
 Kinetic detonator -- dvukwul-thorshayek
 Kinetosis -- dvunel-has-mar
 King -- sa-te'kru
 Kinsman -- tomasu
 Kiss -- shok, shok-tor
 Kitchen -- af'tum (anc.)
 Klingon -- Tlingansu
 Knee -- mal-nef
 Knee joint -- mal-nef-lesek
 Kneecap -- mal-nef-hinek
 Knife -- lipau
 Knob -- elat
 Knoll -- pi'kunel
 Know -- fai-tor
 Knowledge -- fai-tukh
 Known (n.) -- fainu
 Known, to be -- pufai-tor
 Knuckle -- ozh-lesek
 Krypton -- l'langon-tukh
 Kwashiorkor -- fam-ketek-has
 Kyphosis -- tchorka-pla'dor(-nosh)

Labor -- zup, zup-tor
 Laboratory -- ek'tal-zup-shal
 Laccolith -- patam-zul-koval
 Laceration -- nesh
 Lack -- fam, fam-tor
 LaCoya spanner -- mish-raul t'LaKoya
 Lacrimal duct -- bezhun-masu-mev
 Lacrimal gland -- bezhun-masu-pi'nafek
 Lacrimation -- bezhun-mashaya
 Lactase -- thas-skaun-zalu
 Lactation -- thasaya
 Lactiferous duct -- thas-mev
 Lactose -- thas-slor-tukh
 Ladder -- pu'uth (anc.)
 Lagoon -- masutra-muzh
 Lahar -- fal-vrel-yumaya
 Lake -- suk'muzh
 Lamina -- thalv-velek
 Lamine (adj.) -- tinik
 Lamp (elect.) -- ha'gelek
 Lamp (with fuel and wick) -- yonet
 Lampblack -- nol
 Lance (n.) -- li-wun
 Lanceolate -- li-wun-shidik
 Land (n.) -- solektra (ground); shasol (nation)
 Landing bay -- fisolekau-sutauk
 Landslide (rock and soil) -- solek-skish
 Landslide (rock only) -- kov-skish
 Language -- gen-lis (anc.)
 Lantern -- (makh-)yonet

Lanthanum -- vrodak-tukh
 Laparoscope -- feshek-zan-vel
 Laparotomy -- feshek-sharushan
 Large -- suk
 Laryngitis -- shi'spes-yonshaya
 Laryngopharynx -- neik-drahk
 Larynx -- shi'spes
 Laser -- ha'zehlek
 Laser cannon -- ha'zehlek-thorshun
 Last -- kim-shah (adj.); palesh-tor (v., endure)
 Latch (n.) -- kuhr
 Late -- tab-ma (anc.)
 Lateral impulse control system -- vlaik kwitau-tash-torektra
 Lateral impulse thruster -- vlaik kwitau-kwitek
 Latex -- kas-wan-tukh
 Lathe -- da-skrimek
 Lattice -- nentu-vis
 Launch -- spusau, spusaya
 Launch bay -- spusau-sutauk
 Launch sequencer -- spusau-zehlanayek
 Launched, to be -- puspusau
 Lava -- zul
 Lava flow -- zul-yumaya
 Lava lake -- zul-muzh
 Lava tube -- zul-ur
 Lavender (color) -- pulu-kur
 Law -- to-gav (anc.)
 Lawrencium -- nau-tukh
 Lay -- ti
 Layer -- tin
 Lazy -- kas'el (anc.)
 Lead (metal) -- ras-tukh
 Lead (v.) -- fulag-tor
 Lead, to be -- pufulag-tor
 Lead-acid battery -- ras-sash-kipof
 Leaf -- mor
 Leaflet -- wuh-mor-krus
 Leak -- tasau, tasaya
 Lean -- galat, gal-tor
 Learn -- oren-tor
 Least, At -- k'puu (anc.)
 Leather -- duf
 Leave -- trasha
 Lee wave -- hayal-sov-pral
 Left (direction) -- los'rak
 Leg -- mal
 Legacy -- visak'a (anc.)
 Leisure -- el-wak
 Length -- wu-vath
 Lengthen -- wuvau
 Lens -- gelek
 Lentic -- hayal-masutik
 Lenticular -- dah-si-gelekik

Lepidote -- pi'wef-weinik
 Lepis -- pi'wef
 Leptodermous -- wonil-wadilik
 Lesbian (n.) -- ko-ka-ashausu
 Lesion -- sval
 Less -- ten
 Less than (math.) -- ten do
 Lesson -- tupa
 Let -- kal-tor
 Letter (alphabet) -- zun
 Leukocyte -- wan-khaf-nala
 Leukoplakia -- wan-shal-bosh t'nala-tin
 Leukotrichia -- wan-isachya-bosh
 Levator (anat.) -- ashenek
 Levee (n.) -- pamashok
 Level -- vok, vok-tor; vok-, vokik
 Liane, Liana -- man-kastik
 Librarian -- dunapsu
 Library -- shi'dunap
 Library computer -- oska-tum-vel
 Lie (on) -- ti
 Lieutenant (naval/Starfleet) -- ot-lan
 Lieutenant (army/marine) -- wuh-lan, fosh-lan
 Lieutenant commander (Starfleet) -- tra-lan
 Life -- ha'kiv
 Life cycle -- ha'kiv-da-nel
 Life support -- ha'kiv-nenikaya
 Lifeboat -- rishan-hali
 Lifeform -- ha-vel
 Lifepod -- rishan-tvi'haf
 Lift (v.) -- aberau
 Ligament -- hinek-tersayek
 Light (not dark) -- ha'gel(-)
 Light (weight) -- ta'hal
 Light blue -- ha'pla-kur
 Light bulb -- ha'gelek
 Light green -- ha'yar-kur
 Light panel -- ha'gel-math
 Lighthouse -- (masu-)ha'zehl-kel
 Lighting -- ha'gelan
 Lightning -- igen-wesh
 Like -- tishau, tishaya
 Likely -- kesik
 Limb (anat.) -- sikrus
 Limb (botany) -- (lap-)kar
 Limbic system -- zherka-torektra
 Limestone -- vom-tukh
 Limit (n.) -- grei
 Limit point -- grei-sfek
 Limnology -- slor-masu-tal
 Line (n.) -- zehl
 Line element -- zehl-velak
 Line segment -- zehl-krus

Linear algebra -- zehlik seht-su'us-ek'tal
 Linear equation -- zehl-vo'ihn
 Linear group -- zehl-travek
 Linear intermix system -- zehlik rish-folau-torekra
 Linear intermix chamber -- zehlik rish-folau-vel
 Linear operator -- zehl-el'torayek
 Liner, Ocean -- masutra-su-yata
 Linguistics -- gen-lis-tal
 Lining -- tvitaya
 Link -- naf, naf-tor
 Linked, to be -- punaf-tor
 Lint -- saizhiv
 Lip -- bru
 Lipemia -- pid-thel'a-nosh svi'khaf
 Lipoma -- thel'upik gnal
 Lipoprotein -- thel'a-ketek
 Liposarcoma -- thel'a-nala-rasahtra
 Liquid -- masu
 Liquify -- vimashau
 List (lean) -- galat, gal-tor
 List (catalog, index) -- feim, feim-tor
 Literature -- kitau-tanaf
 Lithiasis -- nafek-kov-torvaya
 Lithification -- kovtaya
 Lithium -- pim-tukh
 Lithosphere -- kov-ek'shal
 Lithuresis -- kov-vazhaya
 Little -- pi'
 Little finger -- wuhr-ozh
 Littoral (area) -- mashen-shahov-shal
 Littoral (system) -- gef-glu'es
 Live (v.) -- ha-tor
 Live (a long time) -- dif-tor
 Liver (anat.) -- nehasamek, nehasamau-nafek
 Liverwort -- yekvat
 Load -- tus, tus-tor
 Loaded, to be -- putus-tor
 Loam -- makrizhiv
 Lobe -- shal-kal
 Locate (v.) -- tal-tor (find); shitau (put into place)
 Located, to be (situated) -- shiyau
 Location -- shi
 Lock (n.) -- klachek
 Lock (v.) -- klacha
 Locus -- eku-svitan
 Loess (löss) -- salan-sal-titaya
 Logarithm -- talashenek
 Logarithmic distribution -- talash-sagan
 Logarithmic integral -- talash-ketil
 Logarithmic number -- talash-su'us
 Logarithmic spiral -- talash-kulan
 Logic -- olozhika
 Logical -- olozhikaik

Long -- wu
 Long-lasting (adj.) -- wu-palesh-, wu-paleshik
 Long-term (adj.) -- wu'nil-, wu'nilik
 Longevity -- difan'es (lifespan); wu'nil'es (lasting)
 Look -- glazhau
 Loop (n.) -- pakuv
 Loose -- thal
 Lore -- kethtra
 Lose -- pak-tor
 Loss -- pak
 Lost -- paki-, pakik
 Lost, to be -- pupak-tor
 Lotic -- yumau-masutik
 Loud -- ral
 Love -- ashau, ashaya
 Low -- neik
 Low tide -- neik-mashen
 Low-water interval -- svi-wak t'neik-masu
 Low-water mark -- ulidar t'neik-masu
 Lower (adj.) -- weh-ne-, weh-neik
 Lower (v.) -- ne-tor
 Lower factorial -- weh-ne-klayanek
 Lower integral -- weh-ne-ketil
 Lower limit -- weh-ne-grei
 Lower sum -- weh-neik hau-ov
 Loyal -- fonn
 Loyalty -- fonn'es
 Lumbago -- ne-pla'dor-kusut
 Lumbar nerve -- ne-pla'dor-wel
 Lumbar vertebra -- ne-pla'dor-hinek
 Luminescence -- dakh-ha'tanaya
 Lump -- vihk
 Lunar eclipse -- aikum-ek'duv
 Lunar regolith -- aikum-solek
 Lunch -- khi-gad-yem
 Lune -- tvimesau-kes-krus
 Lung -- esh-sa'haf (TGV), eshaf (MGV)
 Lutetium -- kern-tukh
 Lymph -- yak(-masu)
 Lymph node -- yak-kal
 Lymph vessel -- yak-mev
 Lymphocyte -- yak-nala
 Lymphoma -- yak-gnal
 Lysosome -- skaun-pi'vel

"M" to "R"**ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU****>M< na' >R<**

Machine -- mish-vel
 Macroclimate -- suk'shal-ek'nosh
 Macrophage -- suk'yokul-nala
 Madness -- so-resch (anc.)
 Magenta -- mol-kur
 Magma -- (tvi-)zul
 Magma chamber -- zul-tvi-shal
 Magnathrust propulsion unit -- datau-kebi t'seshan-kwit
 Magnesium -- wal-tukh
 Magnet -- seshan-kov, seshan-vel
 Magnetic -- seshan-, seshupik
 Magnetic activity -- seshan(-vunai)-toran
 Magnetic anomaly -- seshupik flekh'es
 Magnetic constrictor -- seshan-khluhkayek
 Magnetic field -- seshan-vunai
 Magnetic field drive -- seshan-vunai-yeturek
 Magnetic field intensity -- karik'es t'seshan-vunai
 Magnetic plasma guide -- seshan-snazh-kakhartayek
 Magnetic repulsor -- seshan-kwitayek
 Magnetic seal -- seshan-fen
 Magnetic storage bottle -- seshan-korsau-tuhlek
 Magnetism -- mokev-seshan
 Magnetite -- seshan-tukh
 Magnetometer -- seshan-thonek
 Magnetosphere -- seshan-ek'shal
 Magnifier -- sukmakhayek
 Magnify -- sukmakhau
 Magnitude -- pul'es
 Mail -- sakat, sakat-tor
 Main archives -- nen-oska
 Main armory -- nen-wun-shal
 Main bridge -- nen-tash-svitan
 Main computer processor -- nen-patorayek t'tum-vel
 Main engineering -- nen-mish-sutauk
 Main gangway hatch -- nen-thro-svep t'thro-yut
 Main viewer -- nen-gluvayek
 Maintain -- rompotau
 Maintenance -- rompotaya
 Maintenance shop -- rompotau-zup-shal
 Major (rank) -- tra-lan (anc.)
 Make -- tor
 Male -- sa; sa(-), sayik
 Malodorous -- rasvil-, rasvilik
 Mammary gland -- thas-pi'nafek
 Man (n.) -- sasu
 Manage -- khartau
 Manager -- khartausu

Mandible -- neik-ahs(-hinek)
 Manganese -- shel-tukh
 Manganese nodule -- kov-dukal t'shel-tukh
 Mangrove forest -- alem-flash-laptra
 Mangrove swamp -- alem-flash
 Manifold -- wehk-vel
 Manipulate -- el'tanarau
 Mankind -- Komihntra
 Mantissa -- teh-krus t'talashenek
 Mantle (geol.) -- tvi-kovtra
 Manual (adj.) -- el'rupik
 Manual control -- el'rupik tash(ek)
 Many -- wehk
 Map (n.) -- besan
 Map (v.) -- besau
 Margin (n.) -- rihkal
 Marine biology -- masutra-ha-tal
 Mark -- ulidar, ulidau
 Marked, to be -- pu'ulidau
 Marker -- ulidek
 Marker beacon -- ulidau-glaribek
 Marker buoy -- ulidayek
 Marl -- vom-krizhiv
 Maroon (color) -- nev-kur
 Marriage -- kun-ut
 Marriage challenge -- kun-ut kali-fi (anc.)
 Marriage proposal -- kun-ut so'lik (anc.)
 Married -- telik
 Marrow (bone) -- hinek-masu
 Marsh -- masu-kastra
 Martyr -- trefem; trefei
 Martyred, to be -- putrefei
 Mask (n.) -- limein
 Mass (physics) -- shivak
 Massive -- masuk'
 Mast (ship) -- mashalo-thalv-lap
 Master -- trensu; tren-tor
 Mastery -- tren
 Mat (n.) -- pev (anc.)
 Mate (v.) -- katelau
 Material -- tukh
 Mathematics -- su'us-ek'tal
 Mating -- katelaya
 Matriarch -- pid-kom
 Matrix -- viskulan
 Matrix inverter -- viskulan-abomesayek
 Matter (material) -- tukh
 Matter gain -- tukh-nazh
 Matter/antimatter reactor -- folayek t'tukh-tehn-tukh
 Matter/antimatter storage facility -- korsau-kebitra t'tukh-tehn-tukh
 Mattress -- yuk-vel
 Maturation -- vin
 Mature (adj.) -- vinik

Mature (v.) -- vin-tor
 Maturity -- vin'es
 Mauve -- kihsh-kur
 Maxilla -- abru-ahs(-hinek)
 Maximize -- ek'anau
 Maximum (n.) -- ek'an
 May -- lau
 Maybe -- sos'eh (anc.)
 Meadow -- ne-yartra
 Meal -- yem
 Mean (average) -- bov
 Mean (v.) -- tvai
 Measure (v.) -- thon-tor
 Measurement -- thon
 Meat -- kahm
 Meatus -- ur
 Mechanic (person) -- tor-velsu
 Mechanism -- tor-vel
 Medical -- has-, hasuk
 Medical stasis unit -- has-vitau-kebi
 Medical tricorder -- has-reh-vipladayek
 Medication -- haseret
 Medicine (medical field) -- has-tal
 Medicine (medication) -- haseret
 Meditate -- kohl-tor
 Medulla oblongata -- is-lof-svitan
 Meet (v.) -- ragel-tor
 Meiosis -- ulef-nala-dahsaya
 Meitnerium -- leh-kau-tukh
 Melanin -- mu-kur-tukh
 Melanocyte -- mu-kur-nala
 Melanoma -- wadi-rasahtra t'mu-kur-nalalar
 Meld (n.) -- nohv
 Melkot(ian) -- Melkotsu
 Melt (v.) -- klimtau
 Member -- kisu
 Membrane -- nala-tin
 Memory -- vokaya
 Memory chip -- vokau-val
 Memory core -- vokau-tviyan
 Mendeleevium -- steh-tukh
 Mercuric sulfide -- vlau'u t'masumok-tukh
 Mercury (metal) -- masumok-tukh
 Merely -- goh
 Meristem -- um-to'ovau-nalatra
 Meromictic -- kwon-tin-masutik
 Mesa -- pa'ash-fiktra
 Mesic -- svi-masu'es-kasik
 Mesophyte -- svi-masu'es-kastik
 Mesosphere -- svitan-sov-ek'shal
 Message -- skladan
 Messenger -- skladasu
 Metabolism -- di'kish-torek

Metacarpus -- svitan-el'ru-hinek
Metal -- mokev (anc.)
Metalworker -- mokevsu
Metamorphic rock -- rubah-kov
Metatarsus -- svitan-ash'ya-hinek
Meteor -- wesh-kov
Meteor shower -- wesh-kov-tevan
Meteorite -- igen-kov
Meteorology -- igen-va-tal
Meter (device) -- thonek
Methane -- keh-masunol-tukh
Methanogenic -- keh-masunol-torvauk
Methanol -- eshu t'keh-masunol-tukh
Methanotroph -- keh-masunol-yokulsu
Methyl -- reh-masunol-tukh
Methylamine -- sovu t'kau-masunol-tukh
Methylene -- dah-masunol-tukh
Methyloctroph -- masunol-yokulsu
Metroptosis -- sudef-set
Mica -- timazh-kov
Micro-aerobic -- pi'sov-eshupik
Micro-computer -- numo-tum-vel
Micro-diagnostic table -- numo-satalau-pasu
Microbe -- numo-ha-vel
Microbial -- numo-ha-velik
Microbiology -- numo-ha-tal
Microbiota -- numo-hatra
Microcaliper -- numo-bal-thonek
Microcellular scanner -- numo-nala-glashayek
Microclimate -- pi'shal-ek'nosh
Microdyne coupler -- numo-toranu-teretek
Microinducer -- numo-vimevilayek
Microorganism -- numo-ha-vel
Microphone -- viralashek
Micropower conduit -- numo-tepul-mev
Micropower relay -- numo-tepul-gol'dvunek
Microscope -- numo-zan-vel
Microscopic -- numo
Microseism -- ri-solektra-hutaya
Microsurgery -- numo-sharushan
Microtubule -- numo-pi'mev
Microwave oven -- numo-pral-fasek
Middle -- svitan
Middle ear -- svitan-kaluk
Middle finger -- rehr-ozh
Midpoint -- sviti-sfek
Midrange -- sviti-eik'es
Midrib -- kas-bak, mor-bak
Migrate -- bashan-tor
Migration -- bashan
Might -- lau
Military (n.) -- askital (anc.)
Milk -- thas, thas-tor

Mimic (v.) -- va'amau
 Mimicry -- va'amaya
 Mind (n.) -- kashek
 Mind (v.) -- pohkau
 Mind-link -- kash-naf
 Mind-meld -- kash-nohv
 Minds (in meld, etc.) -- kashkau (anc.)
 Mine (explosive) -- ip-thorshek
 Mine (v.) -- van-tor
 Mine(shaft) -- van-razh
 Mineral -- ek'tukh
 Mineralogy -- ek'tukh-tal
 Minimum (n.) -- ten'an
 Minor axis -- tenu-da-sfek
 Minus -- teni
 Mirror (n.) -- haulat
 Mirror image -- haul-glakuv
 Mirror plane -- haul-pa'ashtra
 Miscible -- vi'rish-yehat
 Miss (v.) -- din-tor
 Missile -- yon-kliton
 Mission (n.) -- skrol
 Mistake -- lafosh (anc.)
 Mitochondrion -- nala-tepul-vel
 Mitogenic -- ek'nala-dahsau-palikauk
 Mitosis -- ek'nala-dahsaya
 Mitotic spindle -- ek'nala-dahsau-magu
 Mix (v.) -- rish-tor
 Mix (n.) -- rish
 Mixed fraction -- rish-krusek
 Mixed woodland -- rish-lap-shal
 Mixer (device) -- rishek
 Mixture -- rish
 Moan -- nau, naya
 Mode -- nuk
 Modem -- na-sakihtilayek
 Modern -- iyi-, iyik
 Modify -- rubitau
 Modulate -- nakihtilau
 Modulator -- nakihtilayek
 Module -- natel
 Modulus -- natesh
 Mogote (geol.) -- vom-kunel
 Moisture -- masu'es
 Moisture index -- masu-nakh
 Molar -- nal-zud
 Mold (form) -- kushizhau (v.), kushizh-vel (n.)
 Molecular imaging scanner -- galutravek-glakuv-glashayek
 Molecule -- galutravek
 Molybdenum -- bulom-tukh
 Momentum -- dvunelinak
 Monadnock (geol.) -- haf-kunel
 Money -- donku

Monitor (checking device) -- glantayek
 Monitor (viewscreen) -- gluvayek
 Monoecious -- ka-kasik
 Monomial -- wuh-zhil
 Monosaccharide -- wuh-slortra-tukh
 Monozygotic twins -- t'dahsular s'ka-yu-mur
 Monster -- stislak
 Montane forest -- suk'kunel-laptra
 Montane zone -- suk'kunel-shal
 Month -- tevun-krus
 Moon -- aikum
 Moraine -- kov-guhsh s'dvun-le-suma
 More -- weht
 Morning -- asal
 Morphogenic matrix -- shid-rub-viskulan
 Morula -- ten-nala-dukal
 Mosaic -- sna-lok (anc.)
 Mosaic evolution -- nati-wakrubaya
 Mosaic-worker -- sna-lok-zhukusu
 Moss -- yekuhl
 Most -- dan-, danik
 Mother (n.) -- ko-mekh
 Motion -- dvunel
 Motivate -- dvubolau
 Motivation -- dvubolaya
 Motive -- dvubolek
 Motor (n.) -- mishu
 Mountain -- suk'kunel; shi'yon, zul-kunel
 Mountain chain -- kunel-maat
 Mountain range -- kunel-zehl
 Mountain system -- kunel-travek
 Mourn -- la'tusa (anc.)
 Mourned, to be -- pula'tusa
 Mouth -- ru'lut
 Move -- dvun, dvun-tor
 Move around -- padvun-tor
 Move away from -- sadvun-tor
 Movement -- dvun
 Much -- mau
 Mucous membrane -- prash-nala-tin
 Mucus -- prash
 Mud -- vrel
 Mud flat -- vrel-eiktra
 Mudflow -- vrel-yumaya
 Mudstone -- vrel-kov
 Multi-spatial force field -- wehk-stukhik fosh-vunai
 Multi-spectral sweep -- wehk-kurtra-fnash
 Multidimensional transporter -- wehk-retuka-ifisek
 Multifactorial -- wehk-klaik
 Multilinear -- wehk-zehlik
 Multinomial -- wehk-zhil
 Multiphasic scan -- wehk-wek-glashaya
 Multiphasic shielding -- wehk-wekik fo-danan

Multiphasic sweep -- wehk-wek-fnash
 Multiplexer -- wehkantayek
 Multiplication -- wehkovaya
 Multiplier -- wehkovayek
 Multiply -- wehkovau
 Multiseriate -- wehk-zehlik
 Multiset -- wehk-eku
 Murder -- riyeht-stau, riyeht-staya
 Muriform -- dok-temok-shidik
 Muscle -- dvunek
 Mushroom -- taik-luk
 Music -- ralash-tanaf
 Musician -- ralash-tanafsu
 Mutagen -- tselayek
 Mutagenic -- tselau-palikauk
 Mutant -- tsel-, tselik; tsel-vel; tselsu
 Mutate -- tselau
 Mutation -- tselaya
 Mutation rate -- tselau-tav
 Mute (adj.) -- spes-fam
 Myalgia -- dvunek-kusut
 Myocardial infarction -- shal-tevakh t'khaf-spol-dvunek
 Myocardium -- svitan-tin t'khaf-spol
 Mycology -- luk-tal
 Myoglobin -- dvunek-esh-meil
 Myonecrosis -- dvunek-nala-tevakh
 Myopia -- fa-thakau-nosh
 Myosarcoma -- dvunek-rasahtra
 Myositis -- dvunek-yonshaya

 Nacelle -- mishu-leshek
 Nacelle support pylon -- nenikau-tersau-vel t'mishu-leshek
 Nail (finger, toe) -- felu
 Naked -- sai-fam
 Name -- ahm, ahmau
 Napkin -- ru'lut-sai
 Nappe (geol.) -- kov-thalv
 Narrow (adj.) -- wonil (anc.)
 Narrow (v.) -- wonilau
 Nasal cavity -- han-tauk
 Nasal septum -- han-temok
 Nasal sinus -- han-pi'tauk
 Nasolacrimal duct -- han-bezhun-mev
 Nasopharynx -- han-drahk
 Nates -- pla'kruslar
 Nation -- shasol
 Native (adj.) -- salatik
 Native (n.) -- salasu
 Natural -- malatik
 Natural equation -- malat-vo'ihn
 Natural logarithm -- malat-talashenek
 Natural number -- malat-su'us
 Natural selection -- malat-dvelan

Naturalized -- malatuvauk
 Nature -- malat
 Nausea -- slakh
 Navel -- kesazh
 Navigate -- kharau
 Navigation -- kharaya
 Navigation control panel -- kharau-tash-math
 Navigation light -- kharau-ha'gel
 Navigational deflector -- kharau-sakwitayek
 Navy -- masu'er
 Neap tide -- dan-neik-mashen
 Near (adj.) -- be, be'
 Near (v.) -- betau
 Nebula -- stukh-wan
 Necessary -- bolayatik
 Necessity -- bolayek
 Neck -- talu
 Necrosis -- nalatra-tevakh
 Need -- bolau, bolaya
 Needle (n.) -- (og-)lum
 Negative (polarity) -- u'rak
 Negative charge -- u'rak-falun
 Neighbor -- behsu
 Nekton -- masutraik numo-mahal-vel
 Nematath -- zul-kunel-yut
 Neodymium -- dar-tukh
 Neodyne light -- uzh-toranu-ha'gel
 Neon -- min-tukh
 Neonatal -- uzh-keshtik
 Neonate -- uzh-keshtu
 Neonatology -- uzh-keshtu-tal
 Neoplasm -- uzh-rasahtra
 Nephralgia -- kapol-nafek-kusut
 Nephritis -- kapol-nafek-yonshaya
 Nephrolith -- kapol-nafek-kov
 Nephrology -- kapol-nafek-tal
 Neptunium -- surak-tukh
 Neritic -- be-gefik
 Nerve (med.) -- wel
 Net (n.) -- vis
 Network -- vistra
 Neural transponder -- wel-vavayek
 Neuralgia -- wel-kusut
 Neuritis -- wel-yonshaya
 Neuro-electric field generator -- vunai-ferek t'wel-raf-tepul
 Neuro-electric power cell -- tepul-nala t'wel-raf-tepul
 Neurotransmitter -- wel-sasayek
 Neuron -- wel-nala
 Neurotoxin -- wel-hasam
 Neurotransmitter -- wel-sasau-meil
 Neutral -- ta'raf (anc.)
 Neutrino -- ska'gal
 Neutron -- ta'gal

Névé -- maz-izh
 Never -- worla (anc.)
 Nevus -- kesh-kuraya
 New -- uzh
 Newborn (child) -- uzh-keshtu
 Next -- thurai
 Niche -- sha'ti (anc.)
 Nickel -- orn-tukh
 Nickel-cadmium (NiCad) battery -- orn-stal-kipof
 Nidation -- yu-mur-vishitaya
 Night -- mu'yor
 Night blindness -- mu'gel-glan-fam'es
 Nightmare -- yuk-eshu'a
 Nimbostratus (cloud) -- tin-masu-wan
 Niobium -- lek-tukh
 Nipple -- thasek-gonaf
 Nitrogen -- sov-tukh
 Nitrogen fixation -- sov-tukh-nodolaya
 No -- rai; ri
 Nobelium -- oh-tukh
 Nobility -- thol'es
 Noble -- thol
 Noble number -- thol-su'us
 Nobody -- kling (anc.)
 Nocturia -- yuk-vazhaya
 Nocturnal -- mu'yor-wakik
 Node -- kal
 Nodule (geol.) -- kov-dukak
 Noise -- ralash
 Noise reduction circuit -- raf-kuv t'ralash-netakidaya
 No-one -- kling (anc.)
 Nonadecagon -- leh-nau-vla
 Nonagon -- nau-vla
 Nonahedron -- nau-muk
 None -- rim
 Nonnegative -- riu'rak
 Nook (n.) -- sha'ti (anc.)
 Nor -- il
 Normal -- tsuri
 Normal distribution -- tsuri-sagan
 Normal equation -- tsuri-vo'ihn
 Normal form -- tsuri-shid
 Normal function -- tsuri-kek
 Normal group -- tsuri-travek
 Normal matrix -- tsuri-viskulan
 Normal number -- tsuri-su'us
 Normal order -- tsuri-zek
 Normal plane -- tsuri-pa'ashtra
 Normal section -- tsuri-fna-krus
 Normal vector -- tsuri-vukharat
 Normotension -- tsuri-khaf-ne'hish
 North -- desh'rak
 Nose -- han

Nosebleed -- han-khafaya
 Nostrils -- han-sharular
 Not -- ri
 Notation -- pitohat
 Note (n.) -- pitoh
 Notice (v.) -- beglanau
 Noticed, to be -- pubeglanau
 Notochord -- fu-pla'hinek-zehl
 Noun -- vel-zhit
 Nourish -- yem-tan-tor
 Nourishment -- yem-tan'es
 Nova (n.) -- thorsh-yel
 Now -- i, i'
 Nucha -- talu-pla'dor
 Nuclear -- galupik
 Nuclear physics -- galu-tor-tal
 Nucleoplasm -- svitan-nala-tukh
 Nucleus (biology) -- nala-svitan
 Nucleus (atomic) -- galu-svitan
 Nude -- sai-fam
 Nuée ardente (geol.) -- zul-kunel-wan
 Number (n.) -- su'us (anc.)
 Numbness -- rikashan'es
 Numerator -- abru-su'us
 Nut (botany) -- kov-savas
 Nutrient -- yem-tanek
 Nutrition -- yem-tan
 Nutritious -- yem-tanik
 Nyctalopia -- mu'gel-glan-fam'es
 Nyctophobia -- mu'yor-pthak
 Nycturia -- yuk-vazhaya
 Nymphomania -- riko-guv-aitlun

Oar (n.) -- fel
 Oasis -- shi'masu
 Obese -- thel'an-, thel'anik
 Obesity -- thel'an'es
 Object (n.) -- vel
 Object (v.) -- kluchi (anc.)
 Obligate parasite -- ek'neshuhk
 Oblique angle -- luf-vulu
 Oblique-slip fault -- vul-dvun-zehl
 Obovate -- eik-um-shidik
 Observe -- glantau
 Observation -- glantaya
 Observation port -- glantau-krani
 Observatory -- shi'igen-glantaya
 Obsession -- ritsuri-wuh-set'ko
 Obsidian -- zul-makh
 Obstetrician -- ko-kesh-hassu
 Obstruction -- klotaya
 Obtain -- prah
 Obtuse angle -- abru-vulu

Occipital bone -- patam-pla'dor-hinek
 Occiput -- patam-pla'dor
 Occur -- paresh-tor
 Ocean -- masutra
 Ocean trench -- (masutra-)glu-spathel
 Oceanic -- masutra-, masutraik; sagefik
 Oceanography -- masutra-tal
 Oceanology -- masutra-mish-tal
 Octadecagon -- oh-leh-vla
 Octagon -- oh-vla
 Octahendron -- oh-muk
 Octakaidecagon -- leh-oh-vla
 Oculomotor nerve -- bezhun-dvun-wel
 Oculus -- bezhun
 Oculus dexter (OD) -- gas-bezhun
 Oculus sinister (OS) -- los-bezhun
 Odd -- flekh; shaik
 Odd number -- shaik su'us
 Odontalgia -- zud-kusut
 Odontiasis -- zudaya
 Odor -- vil
 Odynophagia -- yontau-vinem-kusut
 Of -- t'
 Off-white -- be-wan-kur
 Offal -- guhsh
 Offend -- thrap-tor
 Offended, to be -- puthrap-tor
 Offense -- thrap
 Offer (n.) -- nufai
 Offer (v.) -- nufau
 Offering -- nufaya
 Offshore (adj.) -- sagef-, sagefik
 Offshore bar -- gef-mazhiv-zehl
 Often -- k'ashiv
 Ogee -- oluhk-tsa
 Oil -- elmin
 Ointment -- elmuvak
 Old -- os
 Old-fashioned -- vesh-nartauk
 Olfaction -- fnish-kash-ral
 Olfactory center -- fnish-svitan
 Olfactory nerve -- fnish-wel
 Oligodactyly -- ten-uklar-nosh
 Oligodipsia -- ten-mag-nosh
 Oligodontia -- ten-zudlar-nosh
 Oligotrophic -- glu-kanik
 Oliguria -- ten-vazh-torvaya
 Oltion coil -- pakuv t'Oltion
 Omnivore -- fan-yokulsu
 Omphalus -- kesazh
 On -- fi'
 Once -- wuh'wak
 Oncology -- gnal-tal

One -- wuh', wuhkuh; veh
 Only -- goh
 Ontogeny -- kai-storaya
 Onycholysis -- felu-dahshaya
 Onychosis -- felu-has
 Onyx -- zer-hir
 Onyxis -- tvi-felu(-nosh)
 Oogenesis -- yu-mur-shidaya
 Oophorectomy -- yukal-snem
 Oophoritis -- yukal-yonshaya
 Ooze (v.) -- stan-tor
 Open (v.) -- tu'ash (anc.)
 Open interval -- tu'ash-tvi'eku
 Open set -- tu'ash-eku
 Open up -- sharush (anc.)
 Opening -- sharu (anc.)
 Operate (med.) -- sharusha
 Operate (run) -- el'torau
 Operation -- el'toraya (math., etc.); sharushan (med.)
 Operator -- el'torayek
 Opposite (adj.) -- mesyut-, mesyutik
 Oponin -- keful-tukh
 Oponization -- kefulaya
 Ophthalmectomy -- bezhun-snem
 Ophthalmologist -- bezhun-hassu
 Ophthalmology -- bezhun-tal
 Ophthalmoplegia -- bezhun-shivaya
 Ophthalmoscope -- bezhun-zan-vel
 Optic nerve -- glan-wel
 Optical assembly -- gla-feretai
 Optical data network (ODN) -- gla-faik-vistra (GFV)
 Optical interface -- gla-tvihanek
 Optolithic data rod -- gla-kovik faik-fek
 Optronic chip -- gla-ar'kada-val
 Optronic data core -- gla-ar'kadaik faik-tviyan
 Optronic integrator -- gla-ar'kada-ketilayek
 Optronic relay -- gla-ar'kada-gol'dvunek
 Or -- il
 Orange (color) -- zhar-kur
 Orbit (n.) -- pa-yut
 Orchard -- lap-bah-ker
 Orchidalgia -- sakal-kusut
 Orchidectomy -- sakal-snem
 Orchiopexy -- sakal-ne-sharushan
 Orchis -- sakal
 Orchitis -- sakal-yonshaya
 Order (n., birth, seating, etc.) -- zek
 Order (n., command) -- tran
 Order (v., command) -- tran-tor
 Ordered pair -- zek-shif
 Ore -- van-tukh
 Orexigenic -- yeht-avon-ashenauk
 Organ (anat.) -- nafek

Organelle -- pikhut
 Organic -- hatanik
 Organic matter -- hatan-tukh
 Organic rock -- ha-guhsh-kov
 Organic soil -- hatan-solek
 Organism -- ha-vel
 Orifice -- sharu
 Origin -- tveshu
 Original -- tveshik
 Originate -- tveshulau
 Ornament (n.) -- fanet
 Orogeny -- kunel-storaya
 Orographic cloud -- suk'kunel-wan
 Oropharynx -- ru'lut-drahk
 Orthogonal function -- zeh-kek
 Orthogonal group -- zeh-travek
 Orthogonal lines -- zeh-zehllar
 Orthogonal matrix -- zeh-viskulan
 Orthogonal transformation -- zeh-mesuvulaya
 Orthogonal vector -- zeh-vukharat
 Orthopnea -- abruven-esh-nosh
 Orthostatic -- yeht-lamanik
 Os -- hinek
 Oscheocele -- sakal-haf-puv
 Osculum -- pi'sharu
 Osmium -- um-tukh
 Osmosis -- k'fai-sanek
 Osmotic pressure -- k'fai-sanek-ne'hish
 Osseous -- hinekik
 Ossicle -- pi'hinek
 Ossification -- hinekaya
 Osteitis -- hinek-yonshaya
 Osteoblast -- hinek-storau-nala
 Osteocyte -- hinek-nala
 Osteology -- hinek-tal
 Osteolysis -- hinek-vashau-nosh
 Osteoporosis -- hinek-pak-nosh
 Osteoregenerator -- hinek-vaferek
 Osteosarcoma -- hinek-rasahtra
 Osteosclerosis -- hinek-ihn-nosh
 Ostium -- sharu
 Ostomy -- sharutaya
 Otalgia -- kaluk-kusut
 Other -- vath
 Otherwise -- vathru
 Otitis -- kaluk-yonshaya
 Otorrhea -- kaluk-khrasaya
 Otosclerosis -- tvi-kaluk-hinekaya
 Otoscope -- kaluk-zan-vel
 Outcrop(ping) -- nodahb
 Outgassing -- sapataya
 Outer -- si-, sik
 Outer hatch -- si-thro-svep

Outlet -- sek
 Outside -- s'udish
 Outweigh -- spunsau
 Oval -- yuv-, yuvik
 Ovarian cancer -- yukal-rasahtra
 Ovarian cyst -- yukal-masu-haf
 Ovariectomy -- yukal-snem
 Ovary -- yukal
 Oven -- fasek
 Over -- abru'; abru-
 Overabundance -- (pid-)mau-tan
 Overhang (n.) -- mesyel
 Overload -- abru-tus, abru-tus-tor
 Overload suppressor -- abru-tus-nelayek
 Oviduct -- yu-mur-mev
 Viviparous -- si-yu-mursuk
 Ovulation -- yukaya
 Ovulate -- yukau
 Ovum -- (rivikantau-)yu-mur
 Own (pron.) -- sha'
 Own (v.) -- ma
 Owned, to be -- puma
 Oxidase -- esh-tukhovau-zalu
 Oxidation -- esh-tukhovaya
 Oxygen -- esh-tukh
 Oxygen tank -- esh-tukh-tuhlek
 Oxygenation -- esh-tukhaya
 Oxyopia -- maut-zat-glan

Pachycaul -- bali-fekik
 Pachycheilia -- bali-bru-nosh
 Pachyderma -- bali-wadi-nosh
 Pack ice -- le-suma-teraya
 Page -- thalv (anc.)
 Pain -- kusut
 Paint -- kras, kras-tor
 Painter -- krassu
 Pair -- shif
 Palate -- ru'lut-kamu
 Pale -- spoh
 Paleoanthropology -- vesh-komihnsu-tal
 Paleobotany -- vesh-kastik-tal
 Paleoclimatology -- vesh-ek'nosh-tal
 Paleoecology -- vesh-malat-tal
 Paleogeography -- vesh-kitau-tal
 Paleontology -- vesh-ha-tal
 Paleosol -- vesh-solek
 Paleospecies -- vesh-koshtri
 Paleozoology -- vesh-aushfa-tal
 Palilalia -- zhit-ashiv-nosh
 Palisade (geol.) -- masu-menal
 Palladium -- krak-tukh
 Palliative -- vasek

Pallor -- ritsuri-spoh'es
 Palm (hand) -- ku
 Palmate -- sau-krusik
 Palmprint -- kuidar
 Palmprint scanner -- kuidar-glashayek
 Palynology -- tal t'kas-sa-nei
 Pan (n.) -- sunil (cooking); lerakhovau-solek-tin (geol.)
 Pancarditis -- ek'khaf-spol-yonshaya
 Pancreas -- zalu-nafek
 Pancreatectomy -- zalu-nafek-snem
 Pancreatic duct -- zalu-nafek-mev
 Pancreatic juice -- zalu-nafek-masu
 Pancreatitis -- zalu-nafek-yonshaya
 Pandemic -- suk'shal-has-sak
 Pandiculation -- luvau-sakadaya
 Panel (n.) -- wein (cover); (gluvau-)math (display)
 Panhysterectomy -- ek'sudef-snem
 Panic (n.) -- pahth
 Pantothenic acid -- eklakalu-sash
 Pants -- malanu
 Paper (n.) -- dun
 Paper-maker -- dun-zhuksu
 Parabola -- dahkvalu
 Parabolic coordinates -- dakhvalu-shi-kethellar
 Parabolic point -- dakhvalu-sfek
 Parabolic segment -- dakhvalu-krus
 Paracentesis -- snem-masu-nisan
 Parachute (n.) -- tev-sai
 Parallel (adj.) -- vlavla
 Parallel evolution -- vlavla-wakrubaya
 Parallelogram -- dah-vlavla-vel
 Parallelohedron -- vlavla-muk
 Paralysis -- shivaya
 Paralyze -- shivau
 Parametallic hull plating -- plo-mokevik vukh-slaun
 Parameter -- nus
 Parametric equation -- nus-vo'ihn
 Parametric test -- nus-nisan
 Parametritis -- pa-sudef-yonshaya
 Paranoia -- ek'pa-pthak
 Paraparesis -- on-mal-kobat'es
 Parapatric -- beteretik
 Paraplegia -- dah-shivaya
 Parasite -- neshuhk
 Parenchyma -- nafek-is-krus
 Parent -- mekh, mekh-tor
 Parent material -- tveshu-tukh
 Parents (a mother & a father) -- mekhu (or "omekhu")
 Parents (gen. pl. or alternatives) -- mekhlar (or "omekhlar")
 Paresis -- ul-shivaya
 Parity -- ka'es
 Park (n.) -- shi'yar (Earth-style); shi'sochya
 Part -- krus

Parthenogenesis -- rivikantau-storaya
 Partial -- ul-, ulik
 Particle -- pi'gal
 Particle accelerator -- pi'gal-sahrayek
 Particle beam -- pi'gal-zehl
 Particle density -- solek-krus-ihn'es
 Partner (n.) -- tersu
 Parturition -- keshtan
 Passions -- shau-kaush
 Passive -- ritorupik
 Past (n.) -- vesht
 Patella -- mal-nef-hinek
 Patellar reflex -- mal-nef-tvisek
 Path -- yut
 Pathology (study) -- has-tal
 Patience -- tranush
 Patient (med.) -- hasausu
 Pattern -- nel-dath (anc.)
 Pattern buffer -- nel-dath-fukat
 Pause -- svizh, svizh-tor
 Pave (v.) -- elyutau
 Pay (v.) -- vlitau
 Payment -- vlitaya
 Peace -- sochya
 Peak (n.) -- feh --
 Pebble -- da
 Pectinate -- dref-shidik
 Pedestal -- nelka
 Pedogenesis -- solek-storaya
 Pedology -- solek-tal
 Pedophile -- kan-riashausu
 Pelage -- ek'isachya
 Pelagic -- masutra-, masutraik
 Peltate -- fo-dan-shidik
 Pelvis -- dafel
 Peneplain -- nen-eiktra
 Peneplanation -- nen-eiktra-skrashaya
 Penis -- lok
 Pentad -- kauyek
 Pentadecagon -- kau-leh-vla
 Pentagon -- kau-vla
 Pentagonal dodecahedron -- kau-vlayik leh-dah-muk
 Pentagonal number -- kau-vla-su'us
 Pentagonal prism -- kau-vla-takurek
 Pentagonal pyramid -- kau-vla-rekun
 Pentahedron -- kau-muk
 Pentakaidecagon -- leh-kau-vla
 Pentamerous -- kau-krusik
 Pentose -- kau-slor-tukh
 Penumbra -- pi'duv
 People -- sular; sutra
 Peptide -- skaulu
 Perceive -- pakashogau

Percent -- sateh
Percentage -- sateh'es
Perception -- pakashogaya
Percolation -- ne-fna-dvun
Perennial -- tevunik
Perfect -- buhfik
Perforate -- tilau
Perforation -- tilaya
Perhaps -- sos'eh
Perigee -- be-sfek
Perigee motor -- be-sfek-mishu
Perihelion -- yel-be-sfek
Perilymph -- kaluk-yak
Perimeter -- pa-thon
Period (time) -- wak-krus
Periodic -- wak-krus-, wak-krusik
Periosteum -- hinek-nalatra-wein
Periostitis -- yonshaya t'hinek-nalatra-wein
Peristalsis -- mev-spal-dvun
Peritoneum -- feshek-nalatra-tin
Peritonitis -- yonshaya t'feshek-nalatra-tin
Permeable -- sanek-yehat
Permease -- nala-lesh-tukh
Permineralization -- kovtaya
Permissive intrusion -- vathik zul-vi-kwitaya
Permutation -- sasuhlitaya
Perpendicular (adj.) -- sazeh-, sazehik
Perpendicular (n.) -- sazehl
Personality -- nafu'es
Personnel hatch -- su-thro-svep
Personnel locator display -- su-shi-gluvayek
Perspective (n.) -- vulunaya
Perspiration -- wadashaya
Perspire -- wadashau
Pester -- smertau
Pet (n.) -- kelek-aushfa
Petal -- kur-mor
Petiole -- mor-pi'fek
Petrification -- kovtaya
Petrified -- kovtulik
Petrochemistry -- kov-meil-tal
Petrogenesis -- kov-storaya
Petroglyph -- kov-kitaya
Petrol -- hal-masu
Petroleum -- ek'elmin
Petrology -- kov-tal
Petty officer -- traveksu
Phacolith -- zul-vulaya-koval
Phagocyte -- yokul-nala
Phalanges -- uk-hineklar
Phalluncus -- lok-gnal
Phallus -- lok
Pharmacology -- haseret-tal

Pharyngitis -- drahk-yonshaya
 Pharyngodynia -- drahk-kusut
 Pharynx -- drahk
 Phase -- wek, wek-tor
 Phase amplifier -- wek-ashenayek
 Phase coil inverter -- wek-pakuv-abomesayek
 Phase decompiler -- wek-satravilayek
 Phase discriminator -- wek-sapa'shayek
 Phase modulator -- wek-nakihtilayek
 Phase shift -- wek-izaya
 Phase-conjugate graviton beam -- wek-terauk sesh'gal-zehlek
 Phase-diverted carrier wave -- wek-mutauk lesh-pral
 Phaser -- wek-zehlek
 Phaser bank -- wek-zehlek-kutra
 Phaser cannon -- wek-zehlek-thorshun
 Phaser coil -- wek-zehlek-pakuv
 Phaser power pack -- tepul-vel t'wek-zehlek
 Phaser rifle -- kar-wek-zehlek
 Phenomenon -- stivan
 Philosophy -- ven-dol-tar (anc.)
 Phlebectomy -- snem t'os-khaf-mev
 Phlebitis -- yonshaya t'os-khaf-mev
 Phlebotomy -- tu'asha t'os-khaf-mev
 Phlegm -- esh-prash
 Phloem -- si-tin t'lap-vukhut
 Phosphorescence -- haf-ha'tanaya
 Phosphorus -- yon-tukh
 Photalgia -- ugel'es-bezhun-kusut
 Photograph (n.) -- ha'gel-bikuv
 Photographer -- ha'gel-tanafsu
 Photography -- ha'gel-tanaf
 Photon -- ha'gal
 Photon grenade -- ha'gal-thorshek
 Photon torpedo (PhoTorp) -- ha'gal-lushun
 Photon torpedo bay -- ha'gal-lushun-sutauk
 Photon torpedo launcher -- ha'gal-lushun-spusayek
 Photon torpedo tube -- ha'gal-lushun-mev
 Photoperiod -- ha'gel-wak-krus
 Photoreceptor -- ha'gel-poprahek
 Photosynthesis -- ha'gel-fereikan
 Phototaxis -- ha'gel-rubah-dvun
 Phototroph -- ha'gel-yokulsu
 Phrase -- zhit-bal
 Phreatic cycle -- da-nel t'masu-tin
 Phreatic water -- ne'rak-masu
 Phrenic nerve -- esh-dvunek-wel
 Phylogeny -- ha-ves-storaya
 Physical (adj.) -- tukhik
 Physician -- hassu
 Physics -- tor-tal
 Physiology -- is-lof-tal
 Phytogeography -- kastik-sagan-tal
 Phytol -- kas-yar-naliveh

Phytolith -- kastik-guhsh-kov
 Phytopathology -- kastik-has-tal
 Phytophagous -- kastik-yokultik
 Phytoplankton -- masutra-numo-kastik
 Phytosociology -- kastik-shila-tal
 Pica -- riyem-yokul-nosh
 Pick up (v.) -- abrashau
 Picture -- bikuv
 Pie chart -- shihvek-besan
 Piece (n.) -- krus
 Piedmont (geol.) -- kunel-nen
 Piedmont glacier -- dvun-le-sumatra t'kunel-nen
 Piedmont terrace -- nef t'kunel-nen
 Pierce -- tilau
 Piezoelectric -- khush-raf
 Piezoelectric effect -- daya t'khush-raf-tepul
 Piezoelectricity -- khush-raf-tepul
 Pigment(ation) -- kurek
 Pile (n.) -- tuh (heap), nefek (construction)
 Pile driver -- nefek-mahyeturak
 Pillow (n.) -- trak
 Pilosis -- pid-storau-nosh t'isachya
 Pilot (flyer) -- hashsu
 Pilus -- isach
 Pinch-out (geol.) -- tin-spoh
 Pineal gland -- sofar-pi'nafek
 Pingo (geol.) -- le-suma-kunel
 Pink -- faf-kur
 Pinna -- si-kaluk
 Pinnacle (geol.) -- kov-suk'fek
 Pinnate -- patik
 Pipe -- mev
 Pistol -- el'ru-pohshayek (TGV), el'ru-pohshek (MGV)
 Piston -- kwit-patam
 Pitchblende -- nesh-shu-kov
 Pith -- pi'fek-svitan-nalatra
 Pituitary gland -- dau-tukh-pi'nafek
 Pivot (n.) -- da-sfek
 Place -- shij; shitau
 Placebo -- katek
 Placebo effect -- katek-daya
 Placenta -- flutash (anc.)
 Placer (geol.) -- ek'tukh-titaya
 Plain (n.) -- eiktra
 Plan -- dotor (n.), dotoran (v.); torbesan (n., architecture)
 Planar distance -- pa'ashtra-ir
 Planar graph -- pa'ashtra-besan
 Planar point -- pa'ashtra-sfek
 Planation -- eiktra-skrashaya
 Plane (geom.) -- pa'ashtra
 Plane curve -- pa'ashtra-tsa
 Plane division -- pa'ashtra-dahsaya
 Plane geometry -- pa'ashtra-khlop-thonik su'us-ek'tal

Planet -- ek'tra
 Planetarium -- shi'yel-gluvekh
 Planetfall hatch -- ek'tra-thro-svep
 Planetfall ramp -- ek'tra-thro-yut
 Planetology -- vath-ek'tra-tal
 Plankton (general term) -- masutraik numo-ha-vel
 Plant -- kastik; kastkau
 Plantar reflex -- lad-tvisek
 Plasma -- bosh-khaf-masu (med.); snazh(-tukh) (physics)
 Plasma cell -- khaf-masu-nala
 Plasma conductor -- snazh-spayek
 Plasma conduit -- snazh-mev
 Plasma display subsystem -- ne-torektra t'snazh-gluvaya
 Plasma distribution manifold -- wehk-vel t'snazh-sagan
 Plasma injector -- snazh-vipohshayek
 Plasma intercooler safeties -- ek'maneklar t'snazh-tvi-samuyek
 Plasma modulator -- snazh-nakihtilayek
 Plasma protein -- khaf-masu-ketek
 Plasma surge -- snazh-tral
 Plasma transfer conduit -- snazh-shan-mev
 Plasma warhead -- snazh-thorsh-tam
 Plasmacytoma -- rasahtra t'khaf-masu-nalalar
 Plate (n.) -- math (dish); kovtra (geol.)
 Plate (v.) -- slau-tor
 Plate boundary -- ragel-zehl t'kovtralar
 Plateau -- pasutra
 Platelet -- vihk-nala
 Platform -- skaf
 Plating -- slaun
 Platinum -- taluhk-tukh
 Play (v.) -- mavau
 Playa (geol.) -- eshikh-eiktra
 Please (v.) -- sanoj (anc.)
 Pleasure -- sanosh (anc.)
 Plesiomorphic -- os-shidik
 Plethora -- (pid-)mau-tan
 Pleura -- tuf-nala-tin
 Pleurisy -- yonshaya t'tuf-nala-tin
 Plica -- (nalatra-)heshan
 Plicate -- heshaik
 Plot (v.) -- besau
 Plotter (device) -- besayek
 Plural (n.) -- wehu
 Plus -- eh, heh
 Plus-or-minus (math.) -- teni-heh
 Pluton (geol.) -- glu-zul-koval
 Plutonium -- isbad-tukh
 Pluvial -- sov-masupik
 Pneumonectomy -- eshaf-snem
 Pneumonia -- eshaf-yonshaya
 Pod -- tvi'haf
 Poikilotherm -- si-falek-aushfa
 Point -- sfek; sfekau

Point circle -- sfek-da-kuv
 Point out -- sasfekau
 Point-line distance -- sfek-zehl-ir
 Point-plane distance -- sfek-pa'ashtra-ir
 Point-point distance -- sfek-sfek-ir
 Pointer (n.) -- elek (like a clock hand), lum (like a needle)
 Poison -- gisam
 Polar angle -- na-vulu
 Polar circle -- na-da-kuv
 Polar coordinates -- na-shi-kethellar
 Polarity -- narak'es
 Polarize -- narakau
 Polaron -- na'gal
 Polaron emitter -- na'gal-sayek
 Polaron field -- na'gal-vunai
 Pole (physics, etc.) -- na
 Pole (rod) -- fek
 Pollen -- kas-sa-nei
 Pollen sac -- sa'haf t'kas-sa-nei
 Pollination -- kas-vikantaya
 Pollute -- flau
 Pollution -- flaya
 Polonium -- yush-tukh
 Polygon -- wehk-vla
 Polyhedron -- wehk-muk
 Polynomial -- wehk-zhil
 Polysaccharide -- wehk-slortra-tukh
 Polyunsaturated fat -- weht-ribosh-thel'a
 Pond -- muzh
 Pons -- mesut
 Ponytail -- isacharr
 Pool (car, gene, etc.) -- patra
 Populace -- sutra
 Pore (med.) -- wadi-sharu
 Porphyry -- khush-zul-kov
 Port -- (ter)svep (access); (pauk-)krani (window)
 Portable -- leshan-, leshanik
 Portable force field generator -- leshanik fosh-vunai-ferek
 Portable phase discriminator -- leshanik wek-sapa'shayek
 Position (n.) -- shul
 Positive (polarity) -- a'rak
 Positive charge -- a'rak-falun
 Positive ion -- a'rak-falun-krus
 Positron -- tehn-u'gal
 Possess -- ma
 Possession (ownership) -- mat
 Possession (thing) -- ma-vel
 Possible -- tor-yehat
 Post (n.) -- lehk
 Postoperative -- po-sharushanik
 Postpartum -- po-keshtaik
 Potable -- mon-yehat
 Potable water -- mon-masu

Potassium -- spoh-tukh
 Pouch -- sa'haf
 Pour (v.) -- mukau
 Powder (n.) -- grazhiv
 Power (n.) -- tepul
 Power cell -- tepul-nala
 Power conduit -- tepul-mev
 Power converter -- tepul-rushanek
 Power coupling -- tepul-tersayek
 Power drain -- tepul-smashaya
 Power gauge -- tepul-mik-yal
 Power grid -- tepul-vis
 Power outlet -- tepul-sek
 Power plant -- tepul-torvayek
 Power supply -- tepul-tanilayek
 Power surge -- tepul-tral
 Power transfer conduit -- tepul-shan-mev
 Power trunk -- tepul-terur
 Prairie -- pseth-yar-eiktra
 Praise -- krol, krol-tor
 Prasema (Vulcan "erythema") -- wadi-yar'es s'pi'khaf-mev-eikan
 Praseocyte ("green blood cell") -- nen-khaf-nala
 Praseoderma (Vulcan "erythroderma") -- wadi-yar'es-nosh
 Praseodymium -- breth-tukh
 Praxeology -- su-torai-tal
 Pre-fire chamber -- tvi-shal t'fe-pohshaya
 Precancerous -- fe-rasahtraik
 Precious -- taluhk
 Precipitation (meteor.) -- sa-sovaya
 Precocious -- ten-storauk
 Pregnancy -- k'kan'es
 Pregnant -- k'kan
 Prehistoric -- fe-vesht-varik
 Premature -- fe-wakik
 Premature ejaculation -- ten-khrasaya
 Premature infant -- ten-kan-bu
 Prenatal -- fe-keshtaik
 Preoperative -- fe-sharushanik
 Prepare -- dator
 Prepare food -- pil-tor
 Preprandial -- fe-yemik
 Prepuberty -- fe-vin-storaya
 Presence -- la'es
 Present (here) -- la, la'
 Present, to be -- pulayau
 Preserve (v.) -- korsau
 Press (down on) -- hish-tor
 Pressure (n.) -- ne'hish
 Pressure control system -- vihish-tash-torektra
 Pressure point -- ne'hish-sfek
 Pressure seal -- vihish-fen
 Pressurization duct -- vihish-mev
 Pressurization/depressurization system -- vihish-sahish-torektra

Pressurize -- vihish-tor
 Pretty -- takov (anc.)
 Prevail -- fakovau
 Priapism -- kwon-abrun-nosh
 Primary -- wuhr-, wuhrik; nen-, nenik
 Primary force field deflector -- nen-sakwitayek t'fosh-vunai
 Primary hull -- nen-vukh
 Primary impulse injector -- nen-kwitau-vipohshayek
 Primary mineral -- wuhr-ek'tukh
 Primary pigment -- nen-kurek
 Primary power grid -- nen-tepul-vis
 Primary security net -- nen-shar-vis
 Primary structure -- nen-velek
 Prime (n.) -- nenat
 Prime number -- nenat-su'us
 Prime polynomial -- nenat-wehk-zhil
 Primitive (in form) -- os-shidik
 Principle -- dvatai
 Print -- hish, hish-tor
 Printer -- hishek (device); hishsu (person)
 Prism -- takurek
 Privacy -- awek'es
 Private (adj.) -- awek
 Private (rank) -- ask'ersu
 Probability -- yesik'es
 Probability function -- yesik'es-kek
 Probable -- yesik
 Probable error -- yes-lafosh
 Probe -- nisau, nisaya; nisayek
 Problem -- wat
 Process (n.) -- torek
 Process (v.) -- patorau
 Processor -- patorayek
 Proclaim -- afsakau
 Proctitis -- pekh-vat-yonshaya
 Proctology -- pekh-vat-tal
 Proctoscope -- (tvi-)zan-vel t'pekh-vat
 Produce (v.) -- torvau
 Producer -- torvayek
 Product (n.) -- satorvu (result); torvauk (something produced)
 Production -- torvaya
 Productive -- torvauk
 Productivity -- torvauk'es
 Profession -- ha-yigal
 Profile (n.) -- ek'tin
 Progeria -- ten-shakhuvau-nosh
 Program -- tumau, tumaya; tumak (computer)
 Programmed, to be -- putumau
 Project (n.) -- ar'tu (anc.)
 Project (v.) -- salehm-tor
 Projection -- salehm
 Projector -- salehmek
 Prolapse -- (nafek-)set

Promethium -- thu-tukh
 Promise -- ugau, ugaya
 Proof -- skan
 Propel (v.) -- datau
 Propelled, to be -- pudatau
 Propeller -- dayek
 Property -- veltra
 Prophet -- fa-wak-glansu
 Propulsion -- dataya
 Propulsion system -- datau-torektra
 Propulsion unit -- datau-kebi
 Prosper -- smusma
 Prosperity -- smusma'es
 Prostate -- pi'nafek t'sa-nei-masu
 Protactinium -- farek-tukh
 Protein -- ketek
 Protomatter -- fu-tukh
 Proton -- a'gal
 Prototype -- fu-vel
 Proud -- yaut
 Prove -- skan-tor
 Provide (v.) -- tanilau
 Proximity -- be'es
 Proximity alarm -- be'es-vikayek
 Proximity transceiver -- be'es-sasau-proprahek
 Pruritis -- drizhaya
 Pry (v.) -- ihv-tor
 Psychiatry -- kashkau-tal
 Psychology -- kloshai-tal
 Puberty -- vin-storaya
 Puce -- gahv-yon-kur
 Puddle (n.) -- pi'muzh
 Pudendum -- si-guv-krus
 Pull -- seshau, seshaya
 Pulmonary artery -- eshik vi-khaf-mev
 Pulmonary edema -- ritsuri-masu-hoknaya t'eshaf
 Pulmonary embolism -- eshaf-mev-klotaya
 Pulmonary vein -- eshik sa-khaf-mev
 Pulsar -- spol-yel
 Pulsate (v.) -- gau
 Pulsation -- gaya
 Pulse (medical) -- khaf-spol-gaya
 Pulse (physics) -- sagau, sagaya
 Pulse generator -- sagau-ferek
 Pumice -- markau-zul-kov
 Pump -- spol, spol-tor
 Punctuate -- pehkamitau
 Punctuation -- pehkamitaya
 Pupil -- glan-sharu
 Pupillary reflex -- glan-sharu-tvisek
 Purple -- gahv-kur
 Purpose -- lof
 Pus -- kuhka

Push -- kwitau, kwitaya
 Pustule -- kuhku-kad
 Put (v.) -- shitau
 Put to death -- tostau
 Pyemia -- kuhku-khaf-gisaman
 Pyramid -- rekun
 Pyroclast -- thorshau-zul-krus
 Pyroclastic flow -- sposhan-vitush-yumaya
 Pyroclastic material -- thorshau-zul-tukh
 Pyroclastic rock -- thorshau-zul-kov
 Pyrogenesis -- zul-storaya
 Pyrophobia -- yon-pthak
 Pyrophyte -- yon-kastik
 Pyrosis -- skaun-yon
 Pyruvic acid -- nalesh-sash t'reh-nol-tukh

Quadrant -- shalat
 Quadratic equation -- dahpul-vo'ihn
 Quadratic formula -- dahpul-nik-tok
 Quadratic integral -- dahpul-ketil
 Quadrilateral (n.) -- keh-vel
 Quadriplegia -- keh-shivaya
 Quadruplet -- t'kehsu
 Quantifier -- nosahek
 Quantity -- nosahp
 Quantum evolution -- sposhan-wakrubaya
 Quantum field -- numen-vunai
 Quantum flux regulator -- numen-gasu-pakhartayek
 Quantum matrix -- numen-viskulan
 Quantum phase inhibitor -- numen-wek-netehnovayek
 Quantum scanner -- numen-glashayek
 Quantum speciation -- sposhan-koshtrivaya
 Quantum torpedo -- numen-lushun
 Quark -- pihl
 Quarter (1/4) -- yonuk (anc.)
 Quarters -- ha-shal
 Quartet -- kehek
 Quartz -- kohv-tukh
 Quasi-sympatric speciation -- sha'ti-dahsau-koshtrivaya
 Queen -- ko-te'kru
 Quest -- psthan
 Question -- deshker, deshkau
 Quick -- sahris
 Quicksand -- ne-hal-mazhiv
 Quiet -- hizhuk
 Quinone -- natuhekta-tukh
 Quintet -- kauyek
 Quintuplet -- t'kausu
 Quite -- ved
 Quotient -- dahsau-nosahp

Race (species) -- (ne-)koshtri (anc.)
 Raceme -- svai-teluk

Radial (adj.) -- azehl-, azehlik
 Radiate -- sau
 Radiation -- saya
 Radiation sickness -- saya-has-mar
 Radiation suit (Radsuit) -- saya-saikhut
 Radiator -- sayek
 Radical (n.) -- sagir (math.); galk (physics)
 Radicle -- ten-mal-gir (botany); wel-gir (anat.)
 Radiculitis -- wel-gir-yonshaya
 Radioactive -- galu-sayuk
 Radioactive decay -- galu-sayuk nehaya
 Radioactivity -- galu-saya'es
 Radiogenic warhead -- sau-thorsh-tam
 Radioisotope -- galu-saya-dahsu
 Radium -- stau-tukh
 Radius -- sakuvu (math., etc.); sik ne-kar-hinek (anat.)
 Radon -- mozh-tukh
 Raft (n.) -- marshak
 Rage -- resha, reshan
 Rain -- sov-masu (n.), sov-mashau (v.)
 Rainbow -- (igen-)kur-kesek
 Raindrop -- sov-masu-thek
 Raise (v.) -- ashenau
 Rake (n.) -- dref
 Ramat detonator -- ramat-thorshayek
 Random -- kafun-, kafunik
 Random distribution -- kafun-sagan
 Random number -- kafun-su'us
 Random variable -- kafun-vuhnayek
 Range (n.) -- eik'es
 Range of motion -- dvunel-eik'es
 Range of tide -- mashen-na-sa
 Rank (n.) -- lan
 Rank insignia -- lan-terseht
 Raphe -- fenul
 Rare -- ritsuri
 Rash (med.) -- kuriht
 Rate -- tav, tav-tor
 Rating -- tavan
 Ratio -- tavat
 Ray -- ha'zehl (light); azehl (math.)
 Razor -- hohl-vel
 Reach (v.) -- pulau
 React -- folau
 Reactance injector -- folau-vipohshayek
 Reaction -- folaya
 Reaction-control system (RCS) -- folau-tash-torektra
 Reaction-control thruster -- folau-tash-kwitek
 Reactive body armor -- folauk vukhut-fo-wein
 Reactor -- folayek
 Reactor core -- folayek-tviyan
 Read -- telv-tor
 Ready -- pok

Real -- yeht
 Real axis -- yeht-da-sfek
 Real number -- yeht-su'us
 Real polynomial -- yeht-wehk-zhil
 Reason (purpose) -- utvau
 Recede -- satrasha
 Receive -- poprah
 Receiver -- poprahek
 Recess (niche) -- sha'ti (anc.)
 Recession -- satrashan
 Recessive gene -- za-tol
 Reciprocal -- meskulan-, meskulanik; meskulan
 Recognize -- naglanshau
 Record (v.) -- vipladau
 Recorder (device) -- vipladayek
 Recorder-marker launch system -- spusau-torektra t'vipladayek-ulidayek
 Rectangle -- gas-vulu-vel
 Rectum -- pekh-vat
 Recycle -- va'ash-da-tor
 Recycling (n.) -- va'ash-da-nel
 Recycling plant -- va'ash-da-nelek
 Red -- yon-kur
 Reduce -- netakidau
 Reduction -- netakidaya
 Reel (n.) -- magu
 Refer -- dzhinau
 Reference -- dzhinaya
 Reflect -- haul-tor
 Reflection -- haulan
 Reflector -- haulek
 Reflex -- tvisek
 Reflux (n.) -- (ritsuri-)pla'yumaya
 Refraction -- ha'zehl-vulaya
 Refresh -- uzshau
 Refrigerator -- samek-mish-vel
 Refueling port -- hal-tukhau-tersvep
 Refuge -- rau-nol (anc.)
 Refugium -- ha-rau-nol
 Regain -- tabakau
 Regard (v.) -- fudau
 Regenerate -- vafer-tor
 Regenerative force field -- vafer-fosh-vunai
 Regenerator -- vaferek
 Region -- shal
 Regolith -- nen-kov-guhsh
 Regular number -- tsuri-su'us
 Regular polygon -- tsuri-wehk-vla
 Regular sequence -- tsuri-zehlanaya
 Regulate -- pakhartau
 Regulator -- pakhartayek
 Regulator gene -- tash-tol
 Reinforce -- fokarikau
 Reinforced concrete -- fokarikal-nok

Relative (person) -- tomasu
Relay -- gol'dvun-tor; gol'dvunek
Release -- sadalau, sadalaya
Relic -- za-vel
Relict -- hafau-ha-vel
Relief -- vas
Relieve -- vas-tor
Religion -- odva
Remain -- hafau
Remainder -- hafayat
Remember -- vokau
Remove -- snem-tor
Rend -- tresahk-tor
Renew -- uzhou
Repair (v.) -- teslau
Repeat -- ashiv-tor
Replace -- va'prah
Replicase -- va'asau-zalu
Replicate -- nel'ashau
Replication -- nel'ashaya
Replicator -- nel'ashayek
Replicator memory core -- kolau-tviyan t'nel'ashayek
Reply -- kilko, kilko-tor
Repository -- vat
Reproduction -- kanashivaya
Reptile -- ukraluk
Research -- kla-hil, kla-hil-tor
Researcher -- kla-hilsu
Resection -- krus-snem
Resin -- lap-stan-tukh
Resist -- tehnau
Resistance -- tehnaya
Resistor -- tehnayek
Resonance -- kusilaya
Resonance emitter -- kusilau-sayek
Resonate -- kusilau
Resonator -- kusilayek
Respiration -- pa'kizh
Respiratory arrest -- pa'kizh-pekhaya
Respiratory failure -- pa'kizh-vravshaya
Respiratory rate -- pa'kizh-tav
Respiratory tract -- pa'kizh-ek'ur
Respond -- kesau
Response -- kesaya
Rest -- shom, shom-tor
Reticulum (med.) -- vistra
Retina -- glan-nalatra-tin
Retinal pattern scanner -- nel-dath-glashayek t'glan-nalatra-tin
Retinitis -- glan-nalatra-yonshaya
Retrieve -- zaprah
Return -- fun, fun-tor
Reverse mutation -- pla'rak-tselaya
Rhenium -- ahahr-tukh

Rhinitis -- han-yonshaya
 Rhinorrhea -- han-yumaya
 Rhizome -- ne-solektra-pi'fek
 Rhizosphere -- gir-shal
 Rhodium -- seleya-tukh
 Rhombododecahedron -- ayayik leh-dah-muk
 Rhombohedron -- ayayik keh-vla
 Rhombus -- ayau-keh-vla
 Rhythm -- farr-dath (anc.)
 Rib -- bak
 Ribitol -- kau-nol-naliveh
 Ribonucleic acid (RNA) -- sash t'wuh-ha-svitan
 Rich -- don-ka (anc.)
 Riches -- don-tak (anc.)
 Ride (v.) -- fau-tor
 Ridge (n.) -- kov-zehl (geol.); taur
 Rifle -- kar-pohshayek (TGV), kar-pohshek (MGV)
 Rift valley -- kovtra-ku-li
 Rigellian (person) -- Raidzhelsu
 Right (correct) -- yeht
 Right (direction) -- gas'rak
 Right angle -- gas-vulu
 Right triangle -- gas-vuluyik reh-vla
 Rigid -- stegel
 Rigidity -- stegel'es
 Rime -- ihsek-le-suma
 Ring (n.) -- mokuv (old contraction of "mokev-kuv")
 Ring (v.) -- kus-tor
 Ring finger -- dahr-ozh
 Ring latch -- mokuv-kuhr
 Rip -- tres, tres-tor
 Rip into pieces -- tresahk-tor
 Ripe -- piyah
 Ripen -- piyahtau
 Ripening -- piyahtaya
 Rise -- shen, she-tor
 Ritual -- ho-rah (anc.)
 River -- pilash (anc.)
 Road -- fau-yut
 Robe -- pelal
 Rock -- kov; kov-tukh
 Rocket (n.) -- yon-hashek
 Rod -- fek
 Roll (v.) -- padukau
 Romulan -- Rihansu
 Roof -- kamu
 Room (chamber) -- tvi-shal
 Room (space) -- ret
 Root -- gir
 Root pressure -- gir-ne'hish
 Rope -- man-elakh
 Rot -- nehau, nehaya
 Rotate -- da-tor

Rotation -- dan
Rotor -- pi'dayek
Round -- pauk
Row -- zehl (n.); fel-tor (v.)
Rowboat -- fel-hali
Rub -- tetau, tetaya
Rubbish -- guhsh
Rubidium -- gol-tukh
Ruby (n.) -- yon-ek'zer
Rule (law) -- to-go (anc.)
Rule (v.) -- khau
Rule over -- abukhau
Run (v.) -- sahr-tor
Runner (botany) -- sak-fek
Rust -- zhar, zhar-tor
Ruthenium -- soral-tukh
Rutherfordium -- leh-tukh

"S" to "Z"**ZHIT-FEIM TERAYA-EINGELSU - GOL-VUHLKANSU****>S< na' >Z<**

Sabkha (geol.) -- alemtra
 Sac -- sa'haf (anc.)
 Saccharide -- slotra-tukh
 Saccule -- pi'sa'haf
 Sack -- sa'haf (anc.)
 Sacral vertebra -- pla'krus-hinek
 Safety -- ek'man'es; ek'manek
 Sail (n.) -- mashalo-thalv
 Sail (v.) -- masu-halovau (TGV), mashalovau (MGV)
 Sailor -- masusu
 Salad -- yarmok
 Saline -- alemik
 Saline soil -- alem-solek
 Salinity -- alem'es
 Saliva -- ru'lut-masu (TGV), ru'lumu (MGV)
 Salt -- alem
 Salt depletion -- alem-sis
 Salt lake -- alem-suk'muzh
 Salt marsh -- alem-masu-kastra
 Salt stress -- alem-hishel
 Saltwater (n.) -- alem-masu
 Salvation (spiritual) -- korsovaya
 Samarium -- bali-tukh
 Same -- ka
 Sample (n.) -- li-fal (anc.)
 Sand(s) -- mazhiv
 Sandbar -- mazhiv-zehl
 Sandstone -- mazhiv-kov
 Sandstorm -- mazhiv-sahriv
 Sap (botany) -- kas-khaf
 Sapling -- kan-lap
 Sapphire (n.) -- pla-khush
 Saprophage -- tevanu-ha-yokulsu
 Sarcoid -- kahmtraik
 Sarcoma -- kahm-rasahtra
 Satellite -- sutor-aikum (artificial), malat-aikum (natural)
 Saturate -- vi-mashau
 Saturated fat -- vibosh-thel'a
 Saturation -- vi-mashaya
 Satyriasis -- risa-guv-aitlun
 Sauce -- mun
 Saucer -- (ne-)mathra
 Saucer section -- mathra-krus
 Saucer separation -- mathra-dahshaya
 Sauté (v.) -- the'polau
 Savannah -- yartra
 Save (v.) -- korsau

Save (by means of) -- korseiven
 Save (spiritually) -- korsovau
 Saw (n.) -- zuneshek
 Saxicolous -- fi-kov-hatik
 Say -- tar, tar-tor
 Saying -- taran
 Scab (n.) -- net
 Scale (flake, skin, etc.) -- wef
 Scale (measurement) -- mathu
 Scalene triangle -- rika-reh-vla
 Scalenohedron -- rika-reh-vlayik wehk-muk
 Scalp -- patam-ek'wadi
 Scan (v.) -- glashau
 Scan field selector -- glashau-vunai-dvelek
 Scan mode selector -- glashau-nuk-dvelek
 Scan range selector -- glashau-eik'es-dvelek
 Scanner -- glashayek
 Scandium -- sak-tukh
 Scapula -- tipan-hinek
 Scar (n.) -- ulidar
 Scarlet -- ug'yon-kur
 Scavenger -- tevanu-yokulsu
 Schism -- sadahshaya
 School (n.) -- shi'oren
 Sciaphilic -- duvek-ashauk
 Sciatic nerve -- nen-mal-wel
 Science -- ek'tal
 Science tricorder -- ek'tal-reh-vipladayek
 Scientific -- tal-, talik
 Scientist -- ek'talsu
 Sciophyte -- duvek-kastik
 Sclera -- bezhun-wan
 Sclerosis -- lerash-nalatra-nosh
 Scoria -- nala-zul-kov
 Scramble (v.) -- parish-tor
 Scrambled eggs -- parish-yu-murlar
 Scrap -- moguhsh, moguhshau
 Scrape (v.) -- theshau --
 Scream (v.) -- shei
 Scree -- kov-guhsh
 Screen (display) -- gluvayek
 Screen (shield) -- sananek
 Scrotum -- sakal-sa'haf
 Sculpt -- shid-shuk-tor
 Sculptor -- shid-tanafsu
 Sculpture -- shid-tanaf; shid-vel
 Scythe (n.) -- urokesor
 Sea -- masutra
 Sea breeze -- masutra-pi'salan
 Sea cliff -- masutra-menal
 Seaborgium -- leh-dah-tukh
 Seafloor -- masutra-tol
 Seal -- fen, fen-tor

Seam -- fenul
 Seaman -- masusu
 Seamount -- masutra-kunel
 Seamster, Seamstress -- ogsu
 Search -- pstha, psthan
 Season -- tevun-yonuk
 Seat (chair) -- ku-san (anc.)
 Seaworthy -- masu(tra)-ek'maik
 Sebaceous cyst -- wadi-thel'asu-shaf
 Sebaceous gland -- wadi-thel'asu-pi'nafek
 Sebum -- wadi-thel'asu
 Secant -- weht-sfek-aus
 Secondary -- dahr-, dahrik
 Secondary command processor -- dahr-khartau-patorayek
 Secondary hull -- dahr-vukh
 Secondary mineral -- dahr-ek'tukh
 Secondary structure -- thurai-velek
 Secret (adj.) -- tsatik
 Section -- krus; fna-krus
 Sector -- krusat
 Secure (v.) -- shar-tor
 Security -- shar'es
 Security armor -- shar-fo-wein
 Security code -- shar-kiht
 Security scan -- shar-glashaya
 Sediment -- ne'ti-tukh
 Sedimentary rock -- ne'ti-kov
 See -- gla-tor
 Seed -- nei
 Segment -- krus
 Seismograph -- solektra-hutaya-besan
 Seismology -- solektra-hutaya-tal
 Seismometer -- solektra-hutaya-thonek
 Seizure -- mahai
 Select -- dvel-tor
 Selection -- dvel
 Selection panel -- dvel-math
 Selector -- dvelek
 Selenium -- volak-tukh
 Selenology -- aikum-tal
 Self -- shai
 Self-control -- shaula
 Self-destruct (n.) -- shai-vashaya
 Self-destruct system -- shai-vashau-torektra
 Self-fertilization -- shai-vikantaya
 Self-pollination -- shai-kas-vikantaya
 Self-replicating mine -- shai-nel'ashauk ip-thorshek
 Self-sustaining holo-emitter -- shai-potunik reh-bikuv-sayek
 Sell -- makau
 Send -- satau
 Semen -- sa-nei-masu
 Semicircle -- ulef-da-kuv
 Seminal vesicle -- pi'nafek t'sa-nei-masu

Semiferous tubule -- sa-nei-pi'mev
 Sensation -- kashan
 Sense (n.) -- kash-ral
 Sensitize -- kashovau
 Sensor -- kashek
 Sensor array -- kashek-zehlaya
 Sensor feed -- kashek-yemek
 Sensor focusing coil -- kashek-thakau-pakuv
 Sensory nerve -- kash-ral-wel
 Sentence (grammatical) -- zhit-bal
 Sepal -- svai-mor
 Separate (adj.) -- k'wuhli; dahshauk
 Separate (v.) -- dahshau
 Separation -- dahshaya
 Septagon -- steh-vla
 Septahedron -- steh-muk
 Septet -- stehek
 Septicemia -- khaf-gisaman
 Septum -- temok
 Septuplet -- t'stehsu
 Sequence -- zehlanau, zehlanaya
 Sergeant -- (wuh-)traveksu
 Sergeant, Master -- dah-traveksu
 Sergeant Major -- reh-traveksu
 Series -- weizehl
 Serrated -- zudlar-shidik
 Serum (anat.) -- nen-khaf-masu
 Servant -- dvinsu
 Serve (v.) -- dvin-tor
 Service (n.) -- dvin
 Sesamoid bone -- mal-nef-hinek
 Set (n.) -- eku
 Set (v.) -- tev-tor (as the sun); dvolau (adjust)
 Sew -- og-tor
 Sewage -- guhsh-masu
 Sewer main -- guhsh-masu-ek'mev
 Sewing machine -- og-vel
 Sex (gender) -- guv
 Sex chromosome -- guv-toltra
 Sex hormone -- guv-dau-tukh
 Sextet -- shehek
 Sextuplet -- t'shehsu
 Sexual discrimination -- guv-sakathilaya
 Sexual harassment -- guv-smertaya
 Sexual reproduction -- guv-kanashivaya
 Shade (n.) -- duvek
 Shadow (n.) -- duv
 Shake (v.) -- hutau
 Shale -- tin-kov
 Shall -- dungau(-)
 Shallow -- gan
 Shame (n.) -- mesh
 Shape (n.) -- shid

Sharp (edge) -- nas-, nasik
 Shatter -- zarahk-tor
 Shave -- hohl-tor
 Shear (meteo., aero.) -- eitau, eitaya
 Shed (v.) -- foshuhl (anc.)
 Shedding (n.) -- fosha
 Sheet -- thalv (anc.)
 Shelf -- nef
 Shell -- fo (anc.)
 Shelter -- rau-nol, rau-tor
 Shield (n.) -- fo-dan (anc.)
 Shield emitter -- fo-dan-sayek
 Shielding -- fo-danan
 Shift -- izau, izaya
 Shifter -- izayek
 Shin -- ne-mal
 Shin bone -- ne-mal-hinek
 Shirt -- sav'el
 Shoal -- ne'ti-hoknaya
 Shock (med.) -- kolaya
 Shoe (n.) -- ash'el
 Shoot (v.) -- pohshau
 Shop (v.) -- klepovau
 Shore (n.) -- gef
 Shoreline -- gef-zehl
 Short -- pen
 Shortage -- penak
 Shorten -- pen-tor
 Shot -- pohshaya
 Shoulder (n.) -- tipan
 Shoulder blade -- tipan-hinek
 Shout -- saul, saul-tor
 Shovel (n.) -- hilek
 Show -- gluvau, gluvaya
 Shower (n.) -- mashulayek
 Shred -- tresahk-tor
 Shredder -- tresahk-vel
 Shrub -- labah
 Shut -- ikap-tor
 Shutter (n.) -- fo-wein (window, etc.); ha'wein (camera)
 Shuttle(craft) -- shan-hali
 Shuttle(craft) bay -- shan-hali-sutauk
 Shuttle(craft) hangar -- hali-kel t'shan-hali
 Shy -- fusik
 Sibling -- kaisu
 Sick -- has-bosh
 Sickbay -- has-sutauk
 Sickle -- el'urokesor
 Sickness -- has-mar
 Side (n.) -- vla
 Sight -- glan
 Sight rule (surveying) -- dah-glanekik pa'ash-pasu-skothonek
 Sign (n.) -- glat

Signal -- glantokau, glantokaya
 Signal beacon -- glantokau-glaribek
 Signal generator -- glantokau-ferek
 Signal subprocessor -- glantokau-ne-patorayek
 Silent -- ralash-fam
 Silica -- mazhu
 Silicon -- mazhiv-tukh
 Sill -- shal-zul-kov (geol.); sku (window)
 Silt (n.) -- kitek
 Silver (color) -- haul-kur
 Silver (metal) -- haul-tukh
 Similar -- kahkwa (anc.)
 Simple -- velik
 Sine -- vulu-tavat-zes
 Sinew -- dvunek-tersayek
 Sing (v.) -- uralau
 Singer -- uralausu
 Sink (v.) -- ne'hal-tor
 Sir -- osu
 Sirocco -- eshikh-salan
 Sister -- ko-kai
 Sit (v.) -- ku-tor
 Site (n.) -- shi
 Site-to-site transporter -- shi-shi-ifisek
 Size (n.) -- suk'es
 Skeletal muscle -- hinek-(teraya-)dvunek
 Skeleton -- hinek-teraya
 Sketch -- lubesan, lubes-tor
 Ski (v.) -- izh-hal-tor
 Skill -- renkup'es
 Skin -- wadi
 Skin cancer -- wadi-rasahtra
 Skull -- grat
 Sky -- igen
 Skylight -- ha'gel-razh
 Slack water -- mashen-shom
 Slant -- vul, vul-tor
 Slate -- kitau-kov
 Slave (n.) -- kafeh
 Sleep -- yuk, yuk-tor
 Slide (v.) -- zish-tor
 Slime -- shuhk
 Slip -- trel, trel-tor
 Slipstream drive -- trel-pilash-yeturek
 Slope -- vul, vul-tor
 Slow -- vohris (anc.)
 Small -- pi'
 Smart -- klon
 Smell (v.) -- fnish-tor
 Smith (n.) -- zhuksu
 Smoke (n.) -- vuzh
 Smokestack -- vuzh-mev
 Smooth muscle -- shati-dvunek

Snake -- oluhk (anc.)
Sneeze (n.) -- uhfuk
Snow -- izh, izhau
Snow level -- izh-vok
Snowstorm -- izh-sahriv
So -- dom; ni
Social (adj.) -- shilaik
Society -- shila'es
Sociology -- shila-tal
Sock (stocking) -- ash'ai (ancient contraction of "ash-sai")
Sodium -- alem-tukh
Soft -- mos
Soil -- solek
Soil horizon -- ragel-zehl t'solek
Soil profile -- solek-ek'tin
Solar activity -- yel-toran
Solar constant -- yel-ek'kat
Solar eclipse -- yel-ek'duv
Solar flare -- yel-pohshaya
Solar prominence -- yel-sposhan
Solar system -- yel-pi'maat
Soldier -- ask'ersu
Sole (foot) -- lad
Solid -- huht-, huhtik; huht
Solitude -- awek'es
Solution -- kilkaya (answer); meil-masu (chem.)
Solve -- kilkau
Somatic cell -- tsuri-nala
Somatic mutation -- tsuri-nala-tselaya
Some -- ein
Someone -- ein-veh
Somewhere -- ein-wilat
Son -- sa-fu
Sonic -- ralashik
Sonic shower -- ralash-mashulayek
Soon -- ak
Sore (n.) -- sival
Sort (v.) -- wihfelau
Soul -- katra
Sound -- ralash
Sounding sand -- ralash-mazhiv
Soup -- shur
Sour -- sfith
Source -- shu-pal (anc.)
South -- khu'rak
Space -- ret (room); stukh (outer space)
Spaceship -- stukh-hali
Spacesuit -- stukh-saikhut
Spade (n.) -- ash'ya-hilek
Span (n.) -- pul-vath
Spark -- kil, kil-tor
Spasm (n.) -- runev
Spawning -- yu-mur-titaya

Speak -- stariben
 Speaker (device) -- saralashék
 Spear (n.) -- tilek
 Speciation -- koshrivaya
 Species -- koshtri
 Species longevity -- koshtri-difan'es
 Spectrum -- kurtra
 Speech -- starun
 Speed (n.) -- threshan
 Speleology -- tauk-tal
 Speleothem -- tauk-titaya
 Spermatozoon -- sa-nei
 Sphenoid -- shihvek-vel
 Sphere -- ek'kal
 Spherical coordinates -- ek'kal-shi-kethellar
 Spherical geometry -- ek'kal-khlop-thonik su'us-ek'tal
 Spherical trigonometry -- ek'kal-reh-vlupik su'us-ek'tal
 Spice -- bar-kas (anc.)
 Spin -- padan, pada-tor (rotate); rada-tor (web, yarn, etc.)
 Spinal canal -- plat-ur
 Spinal column -- plat
 Spinal cord -- plat-wel-elakh
 Spinal nerve -- plat-wel
 Spindle (n.) -- magu
 Spine -- plat
 Spiral (n.) -- kulan
 Spirit (ghost) -- tam'a (anc.)
 Spirit (soul) -- katra
 Split open -- treshau
 Spleen -- khaf-nafek
 Splenectomy -- khaf-nafek-snem
 Splenitis -- khaf-nafek-yonshaya
 Split -- thresh, thresh-tor
 Spontaneous mutation -- shai-tselaya
 Spoon (n.) -- floku
 Spore -- rikas-sa-nei
 Sport (n.) -- torvukh
 Sprain (n.) -- nauk
 Spread (v.) -- sak-tor
 Spring (n.) -- mopakuv (metal coil); sayumak (water)
 Spring (season) -- Sikar (colloquial); kastik-wak (scientific)
 Spring equinox -- ka-wak-gad t'kastik-wak
 Spring tide -- dan-pid-mashen
 Sprout -- tehk, tehkau
 Sprout up -- satekhau
 Spume (n.) -- puhsh
 Spy -- zamasu, zama-tor
 Squander (v.) -- sis-tor
 Square (n.) -- keh-vla (figure); shai'us (number)
 Square (v.) -- shai-wehkovau
 Square root -- shai'us-gir
 Squeeze (v.) -- lerakhovau
 Stability -- tihet'es

Stabilize -- tihetilau
 Stabilizer -- tihetilayek
 Stable (condition) -- tihet
 Stack (n.) -- tuh
 Staff (n.) -- fek (rod); suyu (crew, faculty)
 Stage (platform) -- skaf
 Stain -- kurau, kuraya
 Stairs -- kaiden
 Stairwell -- kaiden-ur
 Stalactite -- ne-to'ovaya
 Stalagmite -- abru-to'ovaya
 Stamen -- kas-sa-krus
 Stance -- laman
 Stand (on one's feet, etc.) -- lamok (n.), lam-tor (v.)
 Stand (for, in place of, etc.) -- noshau
 Star -- yel
 Starch (n.) -- slok
 Stare -- nantau, nantaya
 Starfleet -- Yel-Halitra
 Starliner -- yel-su-yata
 Starship -- yel-hali
 Start -- palikau, palikaya
 Starter -- palikayek
 Stasis -- vitaya
 Stasis tube -- vitau-mev
 Statement -- star-krus
 Static (adj.) -- vit-, vitik
 Station (n.) -- wurzel
 Statue -- sukhlop
 Status -- nosh
 Status board -- nosh-math
 Stay behind -- hafau
 Steal (v.) -- vazgau
 Steam (n.) -- zhis
 Steel (n.) -- pishek (old contraction of "pid-shek")
 Steer (v.) -- dakharau
 Stellar cartography -- besaya t'yellar
 Stellate -- yel-shidik
 Stem (botany) -- kas-fek
 Stenosis -- ritsuri-wonilaun
 Step -- ash, ash-tor; ashef
 Steppe -- psethtra
 Sterile -- ek'puyik
 Sterilize -- ek'pu-tor
 Stern (ship) -- harr-krus
 Sternum -- tuf-hinek
 Stick (v.) -- terpau
 Sticky -- terpauk
 Stiff (adj.) -- stegel(-)
 Stigma -- gubi
 Stimulate -- kastorilau
 Stimulation -- kastorilaya
 Stimulus -- kastoran

Sting -- rakus, rakusau
 Stink -- vlau, vlau-tor
 Stipule -- mor-nen-vel
 Stitch (med.) -- terog, terog-tor
 Stitch (sewing) -- og, og-tor
 Stock (botany) -- fek
 Stolon -- sak-fek
 Stoma -- kas-sharu (botany); skonn-sharu (med.)
 Stomach -- skaun-sa'haf
 Stone -- kov; kov-tukh
 Stonecarver -- kov-skrimsu
 Stop -- pehkau, pehkaya
 Storage compartment -- tsorayek
 Store (save/savings) -- tsorau, tsoraya
 Store (shop) -- mahr-kel
 Storm -- sahriv
 Storm surge -- sahriv-tral
 Story -- var
 Strabisimus -- rizehlik bezhun-nosh
 Straight -- zeh-, zehik
 Straighten -- zeh-tor
 Strain -- his, his-tor
 Strait -- masu-naf
 Strange -- flekh
 Stranger (n.) -- ri-fainusu
 Strap (n.) -- zhel
 Stratification (geol.) -- (kov-)tintaya
 Stratocumulus (cloud) -- tin-tra-wan
 Stratosphere -- pid-sov-ek'shal
 Stratum (geol.) -- kov-tin
 Stratus (cloud) -- tin-wan
 Streak -- wesh, wesh-tor
 Stream (n.) -- pilash (water); salash (physics)
 Strength -- karik'es
 Strengthen -- karik-tor
 Stress (n.) -- hishel
 Stretch -- sakadau, sakadaya
 Striated muscle -- slah-dvunek
 Striation -- zehl-ulidar
 Strict -- wonil
 Stricture -- mev-wonilaun
 Strike -- kwul, kwul-tor
 Strip away -- fleitau
 Stroke (med.) -- shad-kisheya
 Strong -- karik
 Strontium -- psal-tukh
 Structural integrity field (SIF) -- kel-ket'es-vunai
 Structural support -- kel-nenikaya
 Structure -- kel (building); velek (form)
 Stubborn -- lautuv (anc.)
 Student -- orensu
 Study (v.) -- orenau
 Stuff (n.) -- tukh

Sturdy -- batai
 Subatomic disrupter -- ne-galu-feshelek
 Subcutaneous -- ne-wadiyik
 Subcutaneous transponder -- ne-wadi-vavayek
 Subduction -- kovtra-ne-dvun
 Subduction zone -- ne-dvun-shal
 Subdue -- nessau
 Sublittoral zone -- glu-gef-shal
 Submarine (n.) -- ne-masu-hali
 Submarine canyon -- (masutra-)glu-spathel
 Submarine plateau -- (masutra-)glu-pasutra
 Subprocessor -- ne-patorayek
 Subroutine (computer) -- ne-faikhartek
 Subset -- krus-eku
 Subspace -- ne-stukh
 Subspace communications -- ne-stukh-sviribaya
 Subspace communicator -- ne-stukh-sviribayek
 Subspace field grid -- vunai-vis t'ne-stukh
 Subspace transceiver array -- sasau-proprah-zehlaya t'ne-stukh
 Subspace uplink -- ne-stukh-abrunaf
 Subspace waveguide -- pral-yut t'ne-stukh
 Subspecies -- ne-koshtri
 Subtract -- sanem-tor
 Subtraction -- saneman
 Succeed -- navau
 Success -- navun
 Sucrase -- potau-slor-zalu
 Sucrose -- potau-slor-tukh
 Sugar -- slor-tukh
 Sulfur -- vlau-tukh
 Sum -- hau-ov (anc.)
 Summer (season) -- Belaar (colloquial); falek-wak (scientific)
 Summit -- dan-pid-sfek
 Sun -- yel
 Sunburn (n.) -- yel-wadi-yontaya
 Sunrise -- gad-shen
 Sunset -- gad-tevan
 Sunspot -- yel-ulidar
 Superconductor -- pid-spayek
 Supernova (n.) -- khrash-yel
 Supersaturation -- dan-vi-mashaya
 Supper -- mu'yor-yem
 Supply (v.) -- tanilau
 Support -- nenikau, nenikaya
 Support pylon -- nenikau-tersau-vel
 Suppress -- nelau
 Suppression -- nelaya
 Surf (zone) -- pral-shal
 Surface (n.) -- skonn
 Surge -- tral, tral-tor
 Surge arrestor -- tral-pehkayek
 Surgeon -- sharushsu
 Surgery -- sharushan

Surgical tissue regenerator -- sharushan-nalatra-vaferek
 Surpass -- namautau
 Surprise (v.) -- ak'wikmun (anc.)
 Surround -- vikuvau
 Survey -- skothon, skothon-tor
 Survival -- rishan
 Survival suit -- rishan-saikhut
 Survive -- rish-tor
 Sustain -- potun-tor
 Suture (n.) -- terog-elakh (material); fenul (seam); terog (stitch)
 Suture (v.) -- terog-tor
 Swallow (v.) -- vinem-tor
 Swamp (n.) -- flash
 Swarm -- bish, bishau
 Swash -- na-yumaya
 Swash mark -- na-yumaya-zehl
 Sweat -- wadashau, wadashaya
 Sweep -- fnashtau, fnashtaya
 Sweet -- slor
 Swell (v.) -- puv-tor
 Swelling -- puv
 Swim -- mahal-tor (old contraction of "masu-hal-tor")
 Switch (device) -- dvelek
 Swollen -- puv-, puvik
 Sword -- shek
 Survive -- rish-tor
 Symbiont -- haterkadu
 Symbiosis -- haterkadaya
 Symbol -- sehtebuhk
 Symmetric -- talikalik
 Symmetry -- talikal
 Sympatric -- hateretik
 Synapse -- wel-haf
 Synaptic stimulator -- wel-haf-kastorilayek
 Syncline -- ne-vul
 Syndrome -- kath-vuk (anc.)
 Synecology -- su-malat-tal
 Synovial fluid -- lesek-masu
 Synovial joint -- el-lesek
 Synovial membrane -- nalatra-tin t'el-lesek
 Synthesis -- fereikan
 Synthesize -- fereik-tor
 Synthesizer -- fereikek
 Synthetic -- sutorik
 Syringe -- vipohtek
 System -- torektra
 Systemic (med.) -- ek'vukhutik

Table -- pasu
 Tablemount -- masutra-pa'ash-kunel
 Tachycardia -- sahri-threshan-nosh t'khaf-spol-tav
 Tachyon -- sahr'gal
 Tachyon beam -- sahr'gal-zehl

Tachyon field -- sahr'gal-vunai
 Tachyon scanner -- sahr'gal-glashayek
 Tachypnea -- sahri-threshan-eshan
 Tachytely -- sahr-wakrubaya
 Tact -- it
 Tactful -- it-yehat
 Tactless -- it-fam
 Taiga -- samek-laptra
 Tail -- harr
 Take (v.) -- nem-tor
 Tale -- var
 Talk (v.) -- variben
 Tall -- ha-vol (anc.)
 Talon -- tsa-spahk
 Talus -- mal-nik-hinek (med.); menal-guhsh(-tukh) (geol.)
 Talus-creep -- menal-guhsh-dvun
 Tame -- fnau, fnau-tor
 Tan (color) -- mazhiv-kur
 Tangent (n.) -- wuh-sfek-vel
 Tank (storage) -- tuhlek
 Tannin -- kas-khav-kurek
 Tantalum -- t'khut-tukh
 Tap (faucet) -- sayumak
 Tapetum -- vek t'rikas-sa-nei
 Taphephobia -- k'ha-visolektau-ptak
 Tar (n.) -- leralmin (TGV), ulm (MGV)
 Tar pit -- leralmin-razh (TGV), ulm-razh (MGV)
 Target -- les, les-tor
 Targeting sensor -- les-kashek
 Tarsal gland -- bezhun-wein-pi'nafek
 Taste -- zahvan, zahv-tor
 Taste bud -- zahvek
 Taupe -- khav-zhai-kur
 Taxon -- ha-veltra
 Tea -- tei (Earth-style); theris(-masu)
 Teach -- saven-tor
 Teachings -- savan-don-tak
 Teal (color) -- yar-pla-kur
 Tear(s) -- bezhun-masu
 Tear drop -- bezhun-masu-thek
 Tear duct -- bezhun-masu-mev
 Technical -- ek'mishupik
 Technicium -- saran-tukh
 Technology -- ek'mishan
 Tectonics -- solektra-dvun-tal
 Teething -- zudaya
 Tektite -- makh-vihk
 Telepathy -- irak-nahan
 Telescope -- irak-zan-vel
 Tell -- var-tor
 Tellarite -- Tellarsu
 Tellurium -- vnel-tukh
 Telocentric chromosome -- shaht-toltra

Temperature -- falek'es
Temporal field generator -- wak-vunai-ferek
Temporal transmitter -- wak-sasayek
Temporal transponder -- wak-vavayek
Temporary -- rikwonik
Tend (care for) -- palutunau
Tendon -- dvunek-tersayek
Tendonitis -- dvunek-tersayek-yonshaya
Tenet -- dvatai
Tenodynia -- dvunek-tersayek-kusut
Tense (grammar) -- wis
Tephra (geol.) -- thorshau-zul-tukh
Teratogenic coolant -- stislak-samuyau-tukh
Terbium -- valsh-tukh
Term (n.) -- zhil
Terminology -- zhilikam
Ternary fission -- nala-rehsaya
Terrace -- nef
Terricolous -- fi-solek-to'ovauk
Territory -- tsokal
Terror -- vash
Test (n.) -- nisan
Tether (n.) -- elsaku
Tether coupling -- elsaku-tersayek
Testa -- nei-wein
Testicular cancer -- sakal-rasahtra
Testis -- sakal
Testosterone -- sa-dau-tukh
Tetradecagon -- keh-leh-vla
Tetradecahedron -- keh-leh-muk
Tetragon -- keh-vla
Tetrahedron -- keh-muk
Tetrahexahedron -- keh-sheh-muk
Tetrakaidecagon -- leh-keh-vla
Tetrakaidecahedron -- leh-keh-muk
Tetramer -- keh-ketek
Tetramerosus -- keh-krusik
Texture -- lef'es
Thalamus -- zhaitra
Thallium -- yad-tukh
Thallophyte -- rinatila-kastik
Thallose -- rinatila-kasik
Thallus -- rinatila-vukhut
Than -- do
Thank (v.) -- itaren
Thankful -- itar-bosh
That one -- ish-veh
Thelarche -- thasek-storau-palikaya
Them -- au
Then -- yi
Theorem -- kek'yed (anc.)
Theory -- wihka
Therapy -- ben-gun

There -- tra, tra'
 Thermalgesia -- safalek-kusut(-nosh)
 Thermocline -- masu-falek-tin
 Thermoduric -- falek-rishupik
 Thermodynamics -- (ek')falek-tal
 Thermometer -- falek'es-thonek
 Thermophile -- falek'es-ashausu
 Thermosphere -- si-falek-ek'shal
 Thermostat -- falek'es-dvelek
 These -- aifa
 They -- au
 Thiamine -- wuh-bin-tukh
 Thick -- bali
 Thicket -- pi'laptra
 Thigh -- abru-mal
 Thigmotaxis -- esta-sadvun
 Thin (adj.) -- wonil (anc.)
 Thing -- vel
 Think (v.) -- nah-tor
 Thirst -- mag
 This one -- nash-veh
 Thoracic medicine -- tuf-has-tal
 Thoracic nerve -- tuf-wel
 Thoracic vertebra -- tuf-hinek, abru-pla'dor-hinek
 Thoracocentesis -- tuf-masu-nisan
 Thorax -- tuf
 Thorium -- bogush-tukh
 Thoron -- thor'gal
 Thoron particle-beam rifle -- kar-pohshayek t'thor'gal-zehl
 Thoron shock emitter -- thor'gal-kolau-sayek
 Those -- eifa
 Thought(s) -- nahp (anc.)
 Thread (n.) -- og-elakh
 Threat -- nan
 Threaten -- nan-tor
 Throat -- drahk
 Throb -- gau, gaya
 Thrombectomy -- khaf-vihk-snem
 Thrombocyte -- vihk-nala
 Thrombocytosis -- wehk-nosh t'vihk-nalalar
 Thrombus -- shi-klotau-vel
 Throttle (n.) -- threshan-tashek
 Through -- k'fai
 Through which -- k'fai'ei (TGV), k'fayei (MGV)
 Throw -- lehm, lehm-tor
 Thrust (n.) -- kwit
 Thrust initiator -- kwit-palikayek
 Thruster -- kwitek
 Thruster -- kwitek
 Thruster array -- kwitek-zehlaya
 Thruster pack -- su-kwitek
 Thruster suit -- kwitek-saikhut
 Thulium -- irhin-tukh

Thumb (n.) -- kaur-ozh
Thunder -- rahm
Thunderstorm -- rahm-sahriv
Thymus -- tuf-pi'nafek
Thyroid gland -- drahk-pi'nafek
Tibia -- ne-mal-hinek
Tidal current -- mashen-pilash
Tidal flat -- mashen-eiktra
Tide -- mashen (old contraction of "masu-shen")
Tight -- wufik
Tighten -- wufkau
Tilt -- ayau, ayaya
Tilth -- sokasitau-solek-nosh
Timber -- lap-tukh
Time -- wak
Timer -- wakek
Tin -- zhai-tukh
Tinnitus -- kaluk-kusan
Tip (n.) -- um
Tire (v.) -- zung-tor
Tired -- zungor (anc.)
Tissue (biol., med.) -- nalatra
Tissue regenerator -- nalatra-vaferak
Titanium -- vau-tukh
Today -- nash-gad
Toe -- gof
Together -- teretuhr (anc.)
Tolerance -- wivel'es
Tolerate -- wivelau
Tomb -- brag
Tomorrow -- fa-gad
Tone (sound) -- molu
Tongs -- el'abrashayek
Tongue -- lahv
Too (also) -- isha
Too (adv.) -- nuh'
Tool -- raul
Tooth -- zud
Top (n.) -- fik
Topsoil -- skonn-solek
Tornado -- da-eshu'a
Torpedo -- lushun
Torus -- kap-kuv
Total (adj.) -- ovsot (anc.)
Total (n.) -- ovus (anc.)
Touch (n.) -- esta
Touch (v.) -- estuhl
Touchkey panel -- esta-tal-muvik math
Tough -- dulai
Tower -- kisppek
Town -- kahr
Toxic -- hasamik
Toxicology -- gisam-tal, hasam-tal

Toxin -- hasam
 Toy (n.) -- leitri
 Trace (v.) -- zavikau
 Trace element -- pi'lek-meilak
 Trachea -- esh-mev
 Tracheotomy, Tracheostomy -- esh-mev-tu'ashan
 Tract (med.) -- ek'ur
 Tractor beam -- seshau-zehl
 Tradition -- ba'tak (anc.)
 Traditional -- ba-, baik
 Trail (n.) -- yut
 Train (v.) -- ranau
 Trainee -- ne-lan
 Trait -- noshtra
 Transceiver -- sasau-proprahek
 Transcend -- namautau
 Transfer -- shan, shan-tor
 Transform -- mesuvulau
 Transformation -- mesuvulaya
 Transfusion (med.) -- khaf-vitanan
 Transkinetic chamber -- mesakh-dvunik tvi-shal
 Translate -- mesukh-tor
 Translation -- mesukh
 Transmission -- sasaya (signal); mesmishek (mech.)
 Transmit -- sasau
 Transmitter -- sasayek
 Transparent -- fnagla-, fnaglatik
 Transparent aluminum -- fnagla-wan-tukh
 Transpiration -- kas-samasu-eshan
 Transplant (v.) -- va'prah (krus)
 Transponder -- vavayek
 Transport (v.) -- ifis-tor
 Transport (vessel) -- ifis-hali
 Transportation -- ifis
 Transporter (matter) -- ifisek
 Transporter beacon -- ifisek-glaribek
 Transporter buffer -- ifisek-fukat
 Transporter lock -- ifisek-klachek
 Transporter pad -- ifisek-math
 Transporter platform -- ifisek-skaf
 Transporter room -- ifisek-tvi-shal
 Transporter scrambler -- ifisek-parishek
 Transtator -- mesnoshek
 Transverse bulkhead -- mes-tvi-temok
 Transwarp corridor -- mesakh-tchas-tvur
 Transwarp drive -- mesakh-tchas-yeturek
 Trap -- pash, pash-tor
 Trapezohedron -- wuh-vlavlayik wehk-muk
 Trapezoid -- wuh-vlavla-vel
 Trash (n.) -- guhsh
 Trauma -- khreya
 Travel -- halovau, halovaya
 Travel pod -- halovau-tvi'haf

Treat (v.) -- skasau
 Treatment -- skasaya
 Treble (high frequency sound) -- abralash
 Treble frequency -- abralash-vakav'es
 Tree (n.) -- lap
 Trek -- halan, hal-tor
 Trend (n.) -- venek
 Triangle -- reh-vla
 Tributary -- yemek
 Tricobalt explosives -- thorshau-tukh t'reh-pla-tukh
 Tricorder -- reh-vipladayek
 Tridecagon -- reh-leh-vla
 Trifoliate -- reh-pi'morik
 Trigger (n.) -- ozh-gonaf
 Trigonometry -- reh-vlupik su'us-ek'tal
 Trihedron -- reh-muk
 Trilithium explosives -- thorshau-tukh t'reh-pim-tukh
 Trimer -- reh-ketek
 Trimerous -- reh-krusik
 Trinomial -- rehsu'us
 Trio -- rehek
 Trip (voyage) -- halan
 Triplet -- t'rehsu
 Triskaidecagon -- leh-reh-vla
 Trisectahedron -- reh-oh-muk
 Trolley coupler -- ne-halektra-teretek
 Tropical rain forest -- falu-masu-laptra
 Troposphere -- igen-va-ek'shal
 Trousers -- malanu
 Truncated cone -- snem-ikun
 Truncated cube -- snem-sheh-muk
 Truncated pyramid -- snem-rekun
 Trust -- sahrafel (anc.)
 True -- yeht
 Trunk (tree) -- lap-fek
 Truth -- yeht'es
 Tsunami -- khrash-pral
 Tub -- matuhlek
 Tuber -- ne-solektra-korsayek
 Tuff (geol.) -- vitush-kov
 Tug (equip.) -- seshayek
 Tug (pull) -- seshau, seshaya
 Tumor -- gnal
 Tundra -- samek-psethtra
 Tune (v.) -- tvelkau
 Tungsten -- ler-tukh
 Tunnel (n.) -- ur
 Turbine -- mor-dayek
 Turbolift -- seshan-sa'adek
 Turbolift car -- seshan-sa'adek-hal
 Turbolift shaft -- seshan-sa'adek-ur
 Turbulence -- wauk
 Turbulent -- wauk-, waukik

Turgor -- nala-ne'hish-stegal'es
 Turn (v.) -- da-tor
 Turquoise (color) -- folu-kur
 Turquoise (stone) -- folu
 Twig -- pi'gel
 Twice -- dah'wak
 Twin -- t'dahsu
 Tympanic membrane -- zhu-nalatra-tin
 Type (kind) -- ves
 Typhoon -- suk'masutra-eshu'a

Ugly -- watosh
 Ulcer -- razhen
 Ulemorrhagia -- zud-wadi-khafaya
 Ulitis -- zud-wadi-yonshaya
 Ulna -- tvik ne-kar-hinek
 Ultimate -- dan-ek
 Ultramarine (color) -- ug'pla-kur
 Umbilical cord -- tersau-elakh
 Umbilicus -- kesazh
 Umbra -- duv
 Unaka (geol.) -- suk'haf-kunel
 Unaligned -- rizehlik
 Unction -- elmuvak
 Under -- ne'
 Understand -- ken-tor
 Unexpected (n.) -- ri-gishu
 Unguis -- felu
 Unimatrix shielding -- wuh-viskulanik fo-danan
 Unique -- wuhin-, wuhinik
 Uniramous -- rigelik
 Uniseriate -- wuh-zehlik
 Unisexual flower -- wuh-guv-svai
 Unit -- kebi
 Unite -- kaunshau
 United -- kaunshuk
 United Federation of Planets -- Teraya Kaunshuk t'Ek'tralar
 Unity -- kaunsh'es
 Universal translator -- ek'mesukh-stari-vel
 Universe -- stukhtra
 Univoltine -- wuh-tevun-vinik
 Unknown (n.) -- ri-fainu
 Unless -- vita
 Unlikely -- rikesik
 Unobtainable -- tah (anc.)
 Unsaturated fat -- ribosh-thel'a
 Until -- abi'
 Unusual -- ritsuri
 Uplink (n.) -- abrunaf
 Upper integral -- weh-abru-ketil
 Upper limit -- weh-abru-grei
 Upper mantle (geol.) -- abru-tvi-kovtra
 Upper sum -- weh-abruhik hau-ov

Upright -- abruvenik
 Upward(s) -- abru'le
 Upwelling -- (masu-)abru-dvun
 Upwind -- abru'salanik
 Uraninite -- shu-kov
 Uranium -- shu-tukh
 Ureter -- kapol-nafek-mev
 Urethra -- vazh-mev
 Urethritis -- vazh-mev-yonshaya
 Urethropraxis -- vazh-mev-klotaya
 Urgent -- akali
 Urinate -- vazhau
 Urination -- vazhaya
 Urine -- vazh
 Urodynia -- vazhau-kusut(-nosh)
 Urology -- vazh-ek'ur-tal
 Us (normal) -- etek
 Us (superior) -- etwel
 Usage -- isan
 Use -- is, is-tor
 Use up -- neis-tor
 Useless -- is-fam
 Usual -- tsuri
 Uterus -- sudef
 Utility belt -- isan-san-zhel

Vaccinate -- ro-kasau
 Vaccination -- ro-kasaya
 Vaccine -- ro-kas
 Vacuole -- nala-korsau-haf
 Vagile -- kup-padvunik
 Vagility -- kup-padvun'es
 Vagina -- keshtan-ur
 Vaginitis -- keshtan-ur-yonshaya
 Valley -- ku-li (anc.)
 Valuable -- taluhk
 Value (n.) -- tala
 Valve -- spunek
 Vanadium -- kaul-tukh
 Vapor -- muhs
 Variable (n.) -- vuhnayek
 Variant (n.) -- vuhnaya
 Variation -- vuhnaya
 Varied -- vuhnal-, vuhnalik
 Variety -- vuhna'es
 Various -- vuhnauk
 Vary -- vuhnau
 Vas deferens -- suk'sa-nei-mev
 Vascular -- khaf-mevik
 Vasculitis -- khaf-mev-yonshaya
 Vat -- (suk')matuhlek
 Vector (n.) -- vukharat
 Vegetable -- sazh

Vegetarian (n.) -- kastik-goh-yokulsu
Vegetation -- kastra
Vein (anat.) -- os-khaf-mev
Velocity -- threshan
Venation -- mor-mevaya
Venom -- ausham
Vent (n.) -- krau
Ventilation -- kraulaya
Ventilator -- kraulayek
Verb -- tor-zhit
Verification -- rihamaya
Verify -- rihamau
Vermilion -- yon-zhar-kur
Vernal equinox -- ka-wak-gad t'kastik-wak
Vertebra -- plat-hinek
Vertebral column -- plat
Vertex -- um-sfek
Vertical -- abru'lik
Vertical fault -- abru'lik dvun-zehl
Very -- maut
Vessel (ship) -- hali
Vex -- smertau
Victor -- skilsu
Victory -- skil
View (v.) -- zan-tor
Viewscreen -- gluvayek
Vigor -- hakar
Vigorous -- hakarik
Village -- pi'kahr
Vine -- kas-elakh
Vinegar -- sfith-masu
Violence -- khrash
Violent -- khrashik
Violet (color) -- mu'gahv-kur
Virion -- rihak-pi'krus
Viroid -- rihak-vel
Virus -- rihak
Visit -- yaret, yaretau
Visual sensor pickup -- gla-kashek-prahek
Vital -- bol-, bolik
Viviparous -- tvi-yu-mursuk
Vocabulary -- zhit-feim
Vocal cord -- spesek
Voice -- spes
Voice/data selector -- spes-faik-dvelek
Volcanic ash -- sposhan-vitush
Volcanic bomb -- sposhan-vihk
Volcanic chain -- zul-kunel-zehl
Volcanic cloud -- sposhan-wan
Volcanic crater -- zul-razh
Volcanic ejecta -- thorshau-zul-tukh
Volcanic eruption -- zul-kunel-sposhan
Volcanic glass -- zul-makh

Volcanic sand -- zul-mazhiv
 Volcanic vent -- zul-ru'lut
 Volcano -- shi'yon, zul-kunel
 Volt -- toruk
 Voltage -- toruk'es
 Volume -- mog'es (math., physics); ral'es (loudness)
 Volume control -- ral'es-tash(ek)
 Voluntary -- toripik
 Voluntary muscle -- tash-dvunek
 Vomit -- pluhk, pluhk-tor
 Vortex -- tchef
 Voyage -- halan, hal-tor
 Vug (geol.) -- kov-razh
 Vulcan (person, language, etc.) -- Vuhlkansu
 Vulcan (planet) -- T'Khasi
 Vulcan Academy of Sciences -- Shi'Oren t'Ek'Tallar T'Khasi
 Vulcan Diplomatic Courier Service -- Dutarik Sklada-Dvin T'Khasi
 Vulcan Institute of Technology -- Trahokna t'Ek'Mishan T'Khasi
 Vulcan Security Force -- V'Shar (anc.)
 Vulcankind -- vuhlkantra
 Vulcanology (study of volcanoes) -- zul-kunel-tal
 Vulcantology (study of Vulcans) -- vuhlkansu-tal
 Vulva -- kotik si-guv-kruslar

Waist -- san
 Wait (v.) -- bek-tor
 Walk (n.) -- lates (anc.)
 Wall -- temok
 Want -- aitlu, aitlun
 War -- ahkh (anc.)
 Warfare -- ahkhan
 Warhead -- thorsh-tam
 Warm -- lamekh
 Warn (v.) -- vikau
 Warp core -- tchas-tviyan
 Warp core breach -- tchas-tviyan-shaya
 Warp conduit -- tchas-mev
 Warp diagnostic assembly -- feretai t'tchas-nosh-nisaklar
 Warp drive -- tchas-yeturek
 Warp engine -- tchas-mishu
 Warp engine nacelle -- tchas-mishu-leshek
 Warp factor -- tchas-klai
 Warp field -- tchas-vunai
 Warp plasma conduit -- tchas-snazh-mev
 Warp plasma filter -- tchas-snazh-kapol
 Warp plasma stabilizer -- tchas-snazh-tihetilayek
 Warp plasma subprocessor -- ne-patorayek t'tchas-snazh
 Warp speed -- tchas-threshan
 Warrant officer -- ulef-lan
 Wart -- gakh
 Wash (v.) -- pu-tor
 Waste (v.) -- thinoi
 Waste management system -- guhsh-khartau-torektra

Wastewater -- guhsh-masu
Wastewater recycling plant -- va'ash-da-nelek t'guhsh-masu
Watch (v.) -- glantau
Watch over -- paluntunau
Water -- masu; mashau
Water main -- masu-ek'mev
Water table -- masu-tin
Waterspout -- masutra-eshu'a
Watertight -- masu-fenk(-)
Waterway -- masu-yut
Watt -- purtwi
Wattage -- purtwi'es
Wave (n.) -- pral
Waveguide -- pral-yut
Way -- yut
We (normal) -- etek
We (superior) -- etwel
Weak -- kobat
Weaken -- kobatau
Weakness -- kobat'es
Wealth -- don-tak (anc.)
Weapon -- wun
Weather -- igen-va (n.), igen-vasha (v.)
Weathering -- igen-vashan
Web -- vis
Wedge (n.) -- shihvek
Weed (n.) -- vedik
Weep -- tusa
Weigh (v.) -- rasathau
Weight -- rasath
Weird -- flekh
Weld (v.) -- falterau
Well (adj.) -- muhl
Well (n.) -- masu-razh
West -- tev'rak
Wet -- masupik
Wetland(s) -- masu-kas-shal
What -- ra
Wheat -- kap-yar
Wheel (n.) -- halek
When -- lu
Where -- wilat
Which -- if
White -- wan-kur
Who -- vi
Whole blood -- ek'khaf
Whole number -- ek'su'us
Whose -- t'vi
Why -- po
Wide -- eik
Width -- eik-vath
Widening -- eikan
Wife -- ko-telsu

Wild (not tame) -- kwai
 Wilderness -- shi'kwai
 Wildlife -- kwai-aushfatra
 Will (v.) -- dungi, dungi-
 Win -- skil, skil-tor
 Wind -- salan (n., meteor.); kuvor-tor (v.)
 Wind shear -- salan-eitaya
 Winding (n.) -- kuvoran
 Window -- krani
 Wing (n.) -- rala
 Winner -- skilsu
 Winter (season) -- Karil, "Kareel" (colloquial); irak-wak (scientific)
 Wire (n.) -- raf-elakh (elect.), mokelakh (metal)
 Wisdom -- kau
 Wise -- kau-bosh
 Wish -- istau, istaya
 Withdraw -- saseshau
 Without -- rik'
 Witness -- toglantausu (n.), toglantau (v.)
 Woman -- kosu
 Womb -- sudef
 Wood -- lapan
 Woodcarver -- lapan-skrimsu
 Woodland -- lap-shal
 Woody -- lapanik
 Word -- zhit
 Work -- ar'kada, ar'kadan
 Workbee -- ar'kada-ravot
 Workshop -- zup-shal
 World -- panu
 Wormhole -- stukh-riur
 Worse -- weh-rasahkos (anc.)
 Worth -- don
 Wound (n.) -- skek
 Wrench -- mish-vel-raul
 Wrist -- kar-nik
 Wrist communicator -- kar-nik-sviribayek
 Write -- kitau
 Writer -- kitausu
 Wrong -- riyeh(-)

X-axis -- sih-da-sfek
 X-ray -- vak-zehl, vak-zehl-tor
 Xanthophyll -- kas-kin-kurek
 Xenobiology -- akan-ha-tal
 Xenolith -- vi-kwitau-kov
 Xenon -- ritsuri-tukh
 Xenophobia -- ri-fainusu-pthak
 Xeric -- neik-masu'es-kasik
 Xerophyte -- neik-masu'es-kastik
 Xylem -- tvi-tin t'lap-vukhut
 Xylose -- lapan-slur-tukh

Y-axis -- tih-da-sfek
Y-intercept -- tih-fnakaya
Yard (n.) -- ker (anc.)
Yardang (geol.) -- salan-kov-zehl
Yawn -- luvau, luvaya
Year -- tevun
Yeast -- she-luk
Yell -- saul, saul-tor
Yellow -- kin-kur
Yeoman -- gol'nevsu
Yes -- ha
Yesterday -- za-gad
Yet -- wi
Yet, not -- ri wi
Yolk (egg) -- vek
Yolk sac -- vek-sa'haf
You -- du, tu
You (reflexive) -- vu
Young -- nu'ri(-) (anc.)
Ytterbium -- sasal-tukh
Yttrium -- arlanga-tukh

Z-axis -- pih-da-sfek
Zenith -- shi'dan-abru
Zero -- ris
Zinc -- tsau-tukh
Zirconium -- t'lai-tukh
Zonation -- shalitaya
Zone -- shal
Zoo -- shi'aushfa
Zoology -- aushfa-tal
Zoophobia -- aushfa-pthak
Zooplankton -- masutra-numo-aushfa
Zygomatic bone -- nak-hinek
Zygomorphic -- wuh-pa'ashutik
Zygote -- sto-yu-mur
Zymase -- naliveh-zalu
Zymogen -- za-zalu

INTRODUCTION TO GOLIC VULCAN GRAMMAR

Ragtaya na'Zhit-Isan Gol-Vuhlkansu

The language Traditional Golic (TGV), also variously known to offworlders as "Old Vulcan", "High Vulcan", "Ceremonial Vulcan" or "Old Liturgical Vulcan" and known from the time of Surak and his followers, is descended from what historians usually call "Ancient Golic Vulcan", the language spoken at least 25,000 years ago on the Plains of Gol and surrounding regions. Its directly descended modern form is called Modern Golic (MGV). (Another descendant of Ancient Golic Vulcan is the extinct FthinraKathi, which is also discussed separately on our site.) Traditional Golic continues to be spoken in ceremonial usage, at traditional schools of various disciplines (such as those at Gol and Mount Seleya), by poets and writers of certain styles of literature, by devout followers of Surak's teachings, and by members of many old clans. It is one of three "official" languages of the planet Vulcan (T'Khasi) and all educated Vulcans speak the language in addition to other dialects, somewhat like the status Latin had for something like 1,500 years on Earth. Modern Golic is the dialect spoken by the people who live in the Gol region.

Philologists and linguists from outside T'Khasi often use the term "Old High Vulcan" in Federation Standard English (FSE) to describe the traditional form of speaking the Golic Vulcan language, although this is not accurate and has led to much confusion. Linguistic experts from T'Khasi itself call this language "Ba-Golik" (Traditional Golic) or more formally, "Ba-Gol-Vuhlkansu". The contemporary form is often incorrectly called "High Vulcan" (HV) by offworlders but "Iyi-Golik" (Modern Golic) or "Iyi-Gol-Vuhlkansu" by the Vulcans. This is roughly similar to the difference between the King's English and American English on Earth -- the first lead to the second and, although they have their differences, they are still, for the most part, the same language. When you see the term "Old High Vulcan", consider it an umbrella term for the two languages when the reference can or does refer to either or both forms of the Golic Vulcan.

Grammar Fundamentals

TGV is a "compounding" language. Basic words and roots are put together to make new words, a lot like the Germanic languages of Earth. For example, the TGV for "mouth" is "ru'lut" and for "water" or "fluid" is "masu". If you combine the two smaller words, you get "ru'lut-masu", which means "saliva" (literally "mouth-water"). Some ancient compound words, like "kun-ut" ("marriage" or "bonding") have lost their separate meanings. Also, some adopted ancient words are no longer obvious compounds. Most compound words have a " - " ("pakh", similar to a hyphen) separating their roots. *Saga'sek's Third Word Law* states, "No more than three root words can combine to form a compound word, although a full word triad can take prefixes and suffixes." For example, "fal-tor-pan" is possible (as is "na'fal-tor-pan" or "fal-tor-pan'es"), but *never* something like "ahn-wun-san-zhel" (which should be written "san-zhel t'ahn-wun"). Students should learn to split up compound words to analyze their roots.

Another important point with TGV can be made by using a rough comparison with Old Icelandic and Modern Icelandic from Earth. Modern Icelandic builds up new vocabulary by "recycling" an obsolete word or a word from the older language. Golic Vulcan does this as well. One of many examples is the term for "computer" which is based on the old word "tum", meaning "tally" and the common "vel", meaning "thing". "Tum-vel" literally means "tally(ing) thing", but is adapted for modern terminology. Remnants of this can be found in many other languages as well.

TGV is also an affixing language. Prefixes and suffixes are added to words (simple or compound) to modify them. In TGV, most nearly all words corresponding to prepositions are prefixes. These are usually separated from the word they modify by a Vulcan "half-stop" ("ulef-pekhaya") or " ' " (similar to an apostrophe). For example, "etwel" means "us" but "k'etwel" means "with us" and "s'etwel" means "from us". Suffixes are also important. They can be directly affixed, or separated by " ' " or " - ". For example, "fonn" (loyal) and "fonn'es" (loyalty) or "kan" (child) and "kan-fam" (childless). When new to the language, it is easy to confuse

a compound word with a suffixed word. Also, certain ancient words handed down or adopted from now-extinct languages, like "t'forti" (finally), may look like they are prefixed but they are not. Memorizing the historical exceptions will help to prevent confusion later on.

Finally, GV is a "syntactic language", meaning sentence construction and word order determine meaning. There are no declensions and practically no inflections to cause confusion.

GOLIC VULCAN AFFIXES

Tereklar Gol-Vuhlkansu

Common Prepositional/Directional Prefixes

Prefix	Meaning
abi'	until
abru'	above, over
be'	beside, near, next to
du'	while, during
fa'	before, in front of
fi'	on, atop
fna'	through
k'	with, by
kwi'	from a distance, from far away
mes'	across
na'	at, to(wards); for
ne'	below, under, down
pa'	around
po'	after
rik'	without
s'	from, out of
si'	outside (of)
svi'	amongst, between, inside (of)
t'	of, belonging to
vi'	into
za'	behind

Common Combining/Modifying Prefixes

Prefix	Meaning
abru-	over~, up~
dan-	~est, most ~
ek'	all, total, pan~
fa-	fore~, front~, bow(-), anterior
fe-	pre~, ante~
fna-	through(-)
fu-	proto-
i'	now, at this moment
ish-	that
ki'	to have + verb (participial)
kup-	to be able (to)
kwi-	tele~
la'	here
lau-	may, might
mes-	cross(-)
mesakh	trans~
nash-	this
ne-	under~, down~, sub~
nuh'	too (fast, slow, etc.)
pa-	circum~
pi'	diminutive prefix
pla'	back(-), retro(-)
po-	after~, post~
sa~	ex~, outward(-); from out of, away from (combining form)
sha'	one's own
shati-	auto(-)
shi'	place (of) . . .
si-	exo~, outer(-), ecto~, extra~
tehn-	anti-
tra'	there
tvi-	endo~, inner~, inter~
u'	as (a)
ul-	semi(-), demi(-), part(-), partial(-)
va'	infinite, innumerable, immeasurable
va~	re~
vesh'	to have been, was, were + verb = past tense

wa'	generally, particularly
weh-	~er, more ~
wehk-	multi~, poly~
za-	posterior, aft(-), stern(-)

Common Suffixes

Suffix	Meaning
~an	added to name, similar to Mr. or Ms.
~lar	plural
~su	~er, ~or, ~ist, ~man, ~person (and their language)
~tra	mass, expanse, grouping, collection, etc.
'es	~ness, ~ity, ~ty, ~cy; ~ment, ~tion
'Kahr	city, town, ~ton, ~ville
'le	~ward, ~ways
'rak	position/place(ment), ~th
-akteiben	~ment, ~tion (rare in contemporary usage, see 'es)
-bosh	~ful, possessing/having a lot (of something)
-elakh	(-)line, (-)wire, cable
-fam	~less, lacking, without
-hali	vessel, vehicle, ~ship, ~cycle
-kahk	-like
-kam	denotes affection (usually mother-child)
-kan	child
-kel	building, structure
-kelek	~home, ~house
-kov	(~)rock, (~)stone
-kur	color
-lan	designates a military rank
-razh	~hole, ~shaft, (-)pit
-tal	~ology, study, discipline
-tor	added to noun or root to make verb
-tukh	stuff, material, matter, substance, ~ium
-veh	~one, ~body
-vel	object, (-)thing, item
-wilat	~where, ~place
-yehat	~able, ~ible
-yem	(-)meal

-vukuleri	(~)eater, ~vore
-yut	(~)way, (~)path, (~)road, street
-zan-vel	~scope

Verb-Noun Word Pairs

Most Golic Vulcan words come in what are usually called verb-noun word pairs. If you know the verb, you can often determine the related noun, or vice versa. Most GV verb-noun pairs follow one of several standard patterns. This subject is addressed in the language lessons. The table below shows the most common forms with sample words:

Type	Noun ending	Noun	Verb	Comments
1	(none)	saul (shout)	saul-tor	most common; bare root plus -tor to make verb
2	(varied)	ha'kiv (life)	ha-tor	ancient compound with root extracted plus -tor
3	(varied)	talal (find)	tal-tor	noun variant to prevent similar word confusion
4	(varied)	esta (touch)	estuhl	ancient words, highly irregular with no pattern
5	an	psthan (search)	pstha	ancient words, n added to verb to make noun
6	an	tevan (fall)	tev-tor	pre-Surak words, an dropped and -tor added
7	aya	shaya (break)	shau	u dropped from verb, ya added to make noun
8	~n	shen (rise)	she-tor	pre-Surak words, n dropped and -tor added
9	shan	reshan (rage)	resha	pre-Surak words, n added to verb to make noun

GOLIC VULCAN ETYMOLOGY

Zhit-Vesht-Tal Gol-Vuhlkansu

"Traditional Golic Vulcan" and "Modern Golic Vulcan" are part of a family of closely related languages descended from an extinct ceremonial/liturgical Vulcan language (CLV) spoken millennia ago by those at the discipline centers of Gol and the surrounding region, which in turn was descended from the Ancient Golic Vulcan (AGV) of at least 25,000 years ago. AGV has been likened to the Indo-European root language of Earth. Little is known of AGV and those who spoke it because wars and natural disasters have wiped away most traces of that culture. The surviving pieces of information come from fragments of ancient texts and archeological discoveries, such as those in the region of the Obelisks of Vulcan.

Many Golic Vulcan words are descended from words rooted in mythology, warfare or religion, because those things dominated Vulcan life for untold millennia. We feel that understanding the history of a word will make learning the language more interesting and shed light on the culture of Vulcans past and present.

Below is basic etymological information on a variety of Golic Vulcan words, including their roots back to CLV and AGV where known. Those interested in the origin of words should find this fascinating.

A'rak (positive) -- unchanged word from CLV, derived from AGV "á-rhak", meaning "good direction".

Abru' (over) -- from CLV "apru'" and AGV "ápruu".

Abru'le (upwards) -- from CLV "apru'leh" and AGV "ápruullh".

Abru-mal (thigh) -- literally "upper leg".

Af'tum (kitchen) -- unchanged word from CLV, derived from AGV "àffu'dúmh", meaning "cooking chamber".
 Ahkh (war) -- from an ancient non-Golic word, "ahkh".
 Ahkhsu (warrior) -- literally "war person".
 Ahm (name) -- unchanged word from CLV and AGV.
 Ahs (jaw) -- unchanged word from CLV and AGV.
 Aifa (these) -- from CLV "aifu" and AGV "ayivu".
 Aikum (moon) -- unchanged word from CLV; AGV form is unknown.
 Ak (soon) -- unchanged word from CLV and AGV.
 Ak'spra (heretic) -- unchanged word from CLV, derived from AGV "ahr'shprátu", meaning "one who goes against what is written".
 Alem (salt) -- unchanged word from CLV and AGV.
 Alem-tukh (sodium) -- literally "salt stuff", because common salt is comprised of sodium and chlorine.
 Aluk (fish) -- unchanged word from CLV; AGV form is unknown.
 Arlanga-tukh (yttrium) -- chemical element first found in the Arlanga mountain range.
 Asal (morning) -- from CLV "ashahl", derived from AGV "aš'àl'e", the rising (time).
 Ash-vel (shoe) -- literally "treading thing".
 Au (them/they) -- unchanged word from CLV, derived from AGV "á".
 Ausham (venom) -- unchanged word from CLV, derived from AGV "ášumh".
 Avon (hunger) -- from CLV "avonn", derived from AGV "àfhonnh".

Bah-ker (garden) -- unchanged word from CLV, derived from AGV "báha-kèrru", meaning "food yard".
 Bar-kas (spice) -- unchanged word from CLV, derived from AGV "bárrh-kàšū", meaning "tongue-biter", an effect of spices.
 Bes (drawing) -- from CLV "bæs" and AGV "b'hàs".
 Bezhun (eye) -- from CLV "bæshun" and AGV "b'hàshúnh".

Da-fek (axle) -- literally "turn(ing)-pole".
 Da-rala-hali (helicopter) -- literally "turning wing vehicle".
 Da-sfek (axis, pivot) -- literally "turn(ing)-point".
 Dah-halek (bicycle) -- literally "two-goer", as in a conveyance with two wheels.
 Dan (rotation) -- from CLV "dahn" and AGV "dhánh".
 Danau (to explain) -- unchanged word from CLV, derived from AGV "dháná".
 Dau (to affect) -- unchanged word from CLV, derived from AGV "dhá".
 Dawan (an undependable person) -- from CLV "dal'wanu" and AGV "da'w'lhán".
 Don-ka (rich) -- unchanged word from CLV, derived from AGV "dónh-ká", meaning "money-having".
 Dun (paper) -- unchanged word from CLV, derived from AGV "dúnh", a papyrus-like paper made from the fibers of an edible root.
 Dunap (book) -- from CLV "dunapi", derived from AGV "dúnh-abù", "scroll".

Ek'zer (gem/jewel) -- unchanged word from CLV, derived from AGV "àh-zèrrh", meaning roughly "all-value", from a very ancient practice of using gems as monetary units.
 Esh (breath) -- from CLV "æsk" and AGV "àš".
 Esh-tukh (oxygen) -- literally "breath(ing) stuff".
 Esh-mev (trachea) -- literally "breath(ing) tube".

Glan (sight) -- from CLV "glahn" and AGV "glánh".

Ha-tor (to live) -- from CLV "hahthor" and AGV "hahdhórh".
 Hal-tor (to go/to proceed) -- from CLV "hahlthor" and AGV "hlahdhórh".
 Hali-kel (hangar) -- literally "vehicle structure".
 Halitra (fleet) -- literally "vehicle mass", meaning a large group of vehicles.

Masu-hali (boat) -- literally "water vehicle".

Ne, Ne' (below/under) -- from CLV "næ" and AGV "nàh".
 Ne'le (downwards) -- from CLV "næ'leh" and AGV "nàhellh".
 Ne-lan (cadet) -- literally "under-rank".
 Ne-mal (shin) -- literally "under-leg".
 Ne-masu-hali (submarine) -- literally "underwater vehicle".
 Ne-seshan (gravity) -- literally "down-pull".

She'rak (east) -- literally "rising direction" (from the rising sun).
 Shen (rise, n.) -- from CLV "skæn" and AGV "š'ành".
 Shetau (to become) -- from CLV "shætau" and AGV "š'àntá".
 Sposhan (eruption) -- from CLV "spohshan" and AGV "sp'àšònh".
 Stukh-hali (spaceship) -- literally "space vehicle".
 Swana (a rare and precious item) -- from CLV "swlana" and AGV "s'w'lhánh".

Tor (to do/to make) -- from CLV "thor" and AGV "dhórh".

Ukraluk (reptile) -- unchanged word from CLV, derived from AGV "úhrállu", meaning "one who crawls".

Wan (cloud) -- from CLV "wlan" and AGV "w'lhán".
 Wan-kur (white) -- literally "cloud-color", because clouds are one of the few "white" items historically on Vulcan.
 Wan-tukh (aluminum) -- literally "cloud-stuff", because the metal is light in color and weight.

Yel-hali (starship) -- literally "star vehicle".

More coming soon! Please check the Vulcan Language Institute Website at www.vulcanlanguage.com for updates.

Explanation of AGV and CLV orthographical symbols:

Ancient Golic (AGV):

á -- nearly identical to GV "au"
 à -- does not exist in GV, a short "a" sound similar to English "a" in "can" and "bat"
 é -- nearly identical to GV "ei"
 è -- nearly identical to GV "eh"
 í -- does not exist in GV, similar to lengthened OHV "ii"
 ì -- nearly identical to GV "ih"
 ó -- does not exist in GV, similar to lengthened OHV "oo"
 ò -- nearly identical to GV "oh"
 ú -- does not exist in GV, similar to lengthened OHV "uu"
 ù -- nearly identical to GV "uh"
 § -- does not exist in GV, approximated by GV "shk"

Old Ceremonial/Liturgical (CLV):

æ -- does not exist in GV, a short "a" sound similar to English "a" in "can" and "bat"

Sentence Order

As a syntactic language, sentence order is very important in GV. The verb is almost always placed first in the sentence, although it may move for emphasis or in certain literary styles. Subjects are placed before objects in the sentence. The language tends to be "contextual" in that understood or previously mentioned things are seldom repeated, unless needed for emphasis. Non-Vulcans sometimes have a tough time understanding a conversation when pronouns, subjects and objects are dropped out. Vulcans usually find it wasteful to use more words than are truly necessary to get a point across. Normally full word usage is only done in teaching situations or formal literature.

Stress

Stress is somewhat variable in GV, although purists invariably put the stress on the second syllable of a word or root word, or the second part of a compound. Irregularities in stress are nearly all confined to adopted words from ancient or extinct languages. *Remember not to count prefixes and suffixes when determining stress.* The root word, whether compound or not, is what stress is based on. By memorization and listening to native speakers, you should have no difficulty in perfecting where stress falls.

Written Vulcan

The Vulcans who speak GV use three main styles of writing the sounds of their language. Each of these styles has a specific place in Vulcan life and society. Although they are known by various names, the most widely accepted names are Ceremonial, Common and Media. "Ceremonial" is the most ornate style, preserving a certain amount of the ancient pictographic nature of Vulcan languages. This script is used for most inscriptions, official legal and family documents, and all major logical/philosophical works. This is the style that Surak and his contemporaries used throughout their works. The "Common" script is that used in day-to-day life for writing notes, journals and correspondence, and for any use that the "Ceremonial" is not appropriate. It is not as intricate as the "Ceremonial" script and is much quicker to write. The "Media" script is a simplified form used for mass-produced printings and computer displays. It is very easy to tell the different styles apart from each other.

Alphabet

The alphabetic system used in GV is made up of three sets of three groups of three phonetic symbols -- 27 symbols in all. Each symbol represents a unique sound in the language. There are no redundant symbols. Since this instruction is for speakers of Federation Standard English (FSE), we will not be using Vulcan symbols. The actual Vulcan order of their letters is:

S T P K R L A Sh O U D V Kh E H G Ch I N Zh M Y F Z Th W B

In the early days of Earth-Vulcan contact, before the United Federation of Planets was formed and FSE was formalized, an inaccurate transcription alphabet was devised for FSE speakers and many of these errors have continued to the present in many of the Vulcan languages. You often see "y" written instead of the more accurate "ai", for example. This is because the "y" in English is consonant or vowel, whereas in Vulcan it is only a consonant. You can still see "feyhan" and "kreyla" instead of "feihan" and "kreila". The Vulcan Language Transliteration Conference of Stardate 6550.0 updated and corrected mistakes of the past. *All our works use the official updated transliteration/spelling rules.*

Pronunciation

See Language Lesson 1 for information on pronunciation

Numbers

Numbers or numerals come in five forms in GV and GV: Cardinal, Ordinal, Enumerating, Combining and Adjectival. See the two lessons on numbers in our language lessons for more information.

GOLIC VULCAN NUMBERS Su'uslar Gol-Vuhkansu

The five number forms in Traditional and Modern Golic:

Numeral	Cardinal	Ordinal	Enumerating	Combining	Adjectival
1	wuhkuh	wuh'rah	wuh	wuh-	wuhik
2	dahkuh	dah'rah	dah	dah-	dahik
3	rehkuh	reh'rah	reh	reh-	rehik
4	kekuh	keh'rah	keh	keh-	kehik
5	kaukuh	kau'rah	kau	kau-	kauyik
6	shekuh	sheh'rah	sheh	sheh-	shehik
7	stehkuh	steh'rah	steh	steh-	stehik
8	ohkuh	oh'rah	oh	oh-	ohik
9	naukuh	nau'rah	nau	nau-	nauyik
10	lekuh	leh'rah	leh	leh-	lehik
11	leh-wuh	leh-wuh'rah	leh-wuh	leh-wuh-	leh-wuhik
12	leh-dah	leh-dah'rah	leh-dah	leh-dah-	leh-dahik
13	leh-reh	leh-reh'rah	leh-reh	leh-reh-	leh-rehik
14	leh-keh	leh-keh'rah	leh-keh	leh-keh-	leh-kehik
15	leh-kau	leh-kau'rah	leh-kau	leh-kau-	leh-kauyik
16	leh-sheh	leh-sheh'rah	leh-sheh	leh-sheh-	leh-shehik
17	leh-steh	leh-steh'rah	leh-steh	leh-steh-	leh-stehik
18	leh-oh	leh-oh'rah	leh-oh	leh-oh-	leh-ohik
19	leh-nau	leh-nau'rah	leh-nau	leh-nau-	leh-nauyik
20	dah-leh	dahl'rah	dah-leh	dahl-	dah-lehik
30	reh-leh	rehl'rah	reh-leh	rehl-	reh-lehik
40	keh-leh	kehl'rah	keh-leh	kehl-	keh-lehik
50	kau-leh	kaul'rah	kau-leh	kaul-	kau-lehik
60	sheh-leh	shehl'rah	sheh-leh	shehl-	sheh-lehik
70	steh-leh	stehl'rah	steh-leh	stehl-	steh-lehik
80	oh-leh	ohl'rah	oh-leh	ohl-	oh-lehik
90	nau-leh	naul'rah	nau-leh	naul-	nau-lehik
100	teh	teh'rah	teh	teh-	tehik
200	dah-teh	dah-teh'rah	dah-teh	dah-teh-	dah-tehik

1,000	leh-teh	leht'rak	leh-teh	leht-	leh-tehik
᠑ ᠒᠒᠒	dah-leh-teh	dah-leht'rak	dah-leh-teh	dah-leht-	dah-leh-tehik
1,000,000	zhoh	zhoh'rak	zhoh	zhoh-	zhohik

Articles

There is no definite article in GV. For example, the word "ek'zer" can mean "jewel" or "the jewel". Although this is confusing to many non-Vulcans, the Vulcans have no trouble because context dictates the intent. The use of indefinite articles (a, an) is rare in Modern Golic usage, normally used only for emphasis. In Traditional Golic, they are nearly always used unless understood or deemed superfluous.

Plurals

Plurals are often understood through context or by the use of pluralizing words, such as a number. In those cases, the word does not change its form. A pluralizing direct suffix (~lar) exists in Golic Vulcan, but is often only used for emphasis or accuracy in Modern Golic, although it is required in Traditional Golic.

When a construction like "a flock of birds" or "a pod of whales" is used in FSE, the type of animal is pluralized. In GV, equivalent constructions are *not* pluralized, since the collective word automatically indicates there is more than one animal. For example, "treit t'kushel" (literally "flock of bird") or "kuht t'sehlat" (literally "herd of sehlat").

Cases

There are no regular cases in GV. Reforms around the time of Surak dropped many irregularities that appeared in ancient Vulcan languages and simplified the speech. Surak's death led to a stagnation in language reforms, so all irregularities were not eliminated. Certain words, mostly pronouns, do have alternate forms for use in special situations. These pronouns seem to have dative or reflexive forms. For example, du means "you" while vu means something like "you-yourself". Most of these alternative forms are based on handed-down tradition.

Interrogatives

Although many galactic languages have interrogative symbols, Vulcan does not -- there is no Vulcan question mark. "Yes or No" questions are formed by using the word "ha" at the very end of the sentence. Other questions are formed by using a questioning word like "wilat" (where) at the end of the sentence. To aid offworlders with the language, though, a question mark is often used in transliterated Vulcan (but never with true written Vulcan).

Invective Mode

The invective mode is extremely rare in contemporary usage because of the distaste Vulcans feel in its use and even existence. This insulting or abusive mode of speech does not fit with the logical lifestyle and control of emotions that Vulcans embrace. In the pre-Surak world, its usage was common, but today it is only used by those who do not follow Surak's teachings, outlaws, those undergoing a difficult pon farr, and by the criminally insane. Gutterals are prefixed to nouns in usage and come in two forms: *Mild Invective* and *Severe Invective*. Mild is comprised of "khr" before a vowel sound and "khra" before a consonant sound; Severe is comprised of "khrikh" before a vowel sound and "khrikha" before a consonant sound. Never use these in speech with cultured Vulcans or you may find yourself committed to a psychiatric facility for testing. Because of their distaste, Vulcans simply refer to this as "Gutteral Mode", if they speak of it at all.

Honorifics

In GV, there are a number of examples of one word used for normal usage and a variant used when

addressing or referring to something or someone "honored" or "greatly admired". This is to be expected in a culture such as that of Vulcan. In addition, the prefix "o" -- which has no exact FSE translation but "honorable" is considered closest in meaning -- is directly affixed to the word it modifies. Examples: "Osu", literally "honored person", but usually translated as "sir" or "madam", depending on the context; and "osavensu" (honored teacher), which is nearly always used in preference over "savensu" (teacher). The honorific prefix is especially common in Traditional Golic and lesser seen in Modern Golic.

Modes of Speech

In Modern Golic there is only one mode of speech, whereas there are three modes of speech in Traditional Golic: Superior, Normal and Inferior. One who is superior in standing to or much older than another person often uses the "Superior Mode" form of many words in speech. These words tend to be more ancient forms of words. In addition to using the older forms of words, superiors also tend to be more formal in their use of the language, not dropping out as much as the normal speaker does. Examples of this are that in "Superior Mode", one tends to use indefinite article and pluralizing suffixes most of the time, where in "Normal Mode" they are more often dropped. Throughout our material, we are concentrating on "Normal Mode", as that is the mode perhaps 90% of Vulcans use. "Inferior Mode" is mostly a leftover from the days before Surak. It is a very simplified form of the language that was previously used by slaves, common servants, those with low intelligence, and young children before entering school. Most Vulcans find this mode distasteful and it is now thought of mostly as an historical artifact. Since this is an introductory grammar and not a comprehensive guide, we will not go into this subject any further at this time.

Verbs**Golic Vulcan Verbs
Tor-Zhitlar Gol-Vuhkansu****INTRODUCTION****Ragtaya**

In the Golic Vulcan languages, the verb takes only one form for all three persons, singular or plural, in a tense. There are three types of verbs in these languages: *Weak*, *Irregular Strong* and *Regular Strong*.

Weak Verbs are formed from a word root and the suffix "-tor". This form stays the same for all persons. Weak Verbs are the most common in Golic Vulcan.

Irregular Strong Verbs can take any form, such as estuhl (to touch) or pstha (to search), and are usually ancient words still in use or borrowings from other non-Golic languages. Like the Weak Verbs, they keep the same form in all persons.

Regular Strong Verbs all end with "au". They keep this infinitive form in all present and future tenses. In the past tenses, the ending changes to "al".

All three types of verbs are treated the same way in perfect past tense and the future tense. In the perfect past tense, the verb is prefixed with "ki". For example, sarlah means "to come" while ki'sarlah means "has come". In the future tense, all verbs either go by context or are preceded by helper words. In *Superior Mode* this is fa'wak (future). For example, fa'wak pehkau means "will stop" or "shall stop" (literally "future to stop"). In *Normal Mode*, these are "dungu" (will) or "dungau" (shall). For example, dungu-pehkau ("will stop") and dungau-pehkau ("shall stop"). "Dungu" and "dungau" are not hyphenated and affixed with Weak Verbs but are with both Strong Verbs.

EXAMPLES OF VERB FORMS**Li-fallar t'Tor-zhit-shidlar****Weak Verbs (Normal Mode):****Gla-tor (to see)**

Gla-tor nash-veh (lit. sees this one) = I see

Gla-tor du = you (singular) see

Gla-tor ish-veh (lit. sees that one) = he/she/it sees

Gla-tor etek = we see

Gla-tor dular = you (plural) see

Gla-tor au = they see

Vesht gla-tor nash-veh = I saw, etc.

Ki'gla-tor nash-veh = I have seen, etc.

Kup gla-tor nash-veh = I am able to see, etc.

Kupi gla-tor nash-veh = I could see, etc.

Dungi gla-tor nash-veh = I will see, etc.

Dungau gla-tor nash-veh = I shall see, etc.

Kupi ki'gla-tor nash-veh = I could have seen, etc.

Dungi ki'gla-tor nash-veh = I will have seen, etc.

Vesht dungi ki'gla-tor nash-veh = I would have seen, etc.

Vesht kup gla-tor nash-veh = I was able to see, etc.

Dungi kup gla-tor nash-veh = I will be able to see, etc.

Irregular Strong Verbs (Normal Mode):

Sarlah (to come)

Sarlah nash-veh = I come

Sarlah du = you (singular) come

Sarlah ish-veh = he/she/it comes

Sarlah etek = we come

Sarlah dular = you (plural) come

Sarlah au = they come

Vesht sarlah nash-veh = I came, etc.

Ki'sarlah nash-veh = I have come, etc.

Kup-sarlah nash-veh = I am able to come, etc.

Kupi-sarlah nash-veh = I could come, etc.

Dungi-sarlah nash-veh = I will come, etc.

Dungau-sarlah nash-veh = I shall come, etc.

Kupi ki'sarlah nash-veh = I could have come, etc.

Dungi ki'sarlah nash-veh = I will have come, etc.

Vesht dungi ki'sarlah nash-veh = I would have come, etc.

Vesht kup-sarlah nash-veh = I was able to come, etc.

Dungi kup-sarlah nash-veh = I will be able to come, etc.

Regular Strong Verbs (Normal Mode):

Pekhau (to stop)

Pekhau nash-veh = I stop

Pekhau tu = you (singular) stop

Pekhau ish-veh = he/she/it stops

Pekhau etek = we stop

Pekhau tular = you (plural) stop

Pekhau au = they stop

Pekhal nash-veh = I stopped, etc.

Ki'pekhal nash-veh = I have stopped, etc.

Kup-pekhal nash-veh = I am able to stop, etc.

Kupi-pekhal nash-veh = I could stop, etc.

Dungi-pekhal nash-veh = I will stop, etc.

Dungau-pekhal nash-veh = I shall stop, etc.

Kupi ki'pekhal nash-veh = I could have stopped, etc.

Dungi ki'pekhal nash-veh = I would have stopped, etc.

Dungau ki'pekhal nash-veh = I should have stopped, etc.

Kup-pekhal nash-veh = I was able to stop, etc.

Dungi kup-pekhal nash-veh = I will be able to stop, etc.

Punctuation

In Golic Vulcan, there are five main marks used in punctuation:

" - " pakh (stroke) - used in affixing or compounding words, and in a sentence as a comma or semi-colon is used in FSE

" -- " dah-pakh (double-stroke) - used as a colon or long dash is used in FSE

" ' " ulef-pekha (half-stop) - used to separate prefixes from root words

" . " ek'pekha (full-stop) - used as a period is used in FSE

" .. " dah-pekha (double-stop) - used for emphasis, similar to an exclamation mark

Many Vulcans use what is called ek'pakh (full-stroke), a line about the length of three pakh marks, instead of dah-pakh. This is the older form and is preferred in literature or religious texts. The writings of Surak always use the ek'pakh instead of the dah-pakh. The dah-pakh was popularized by its use in the media script and we will use it here for typographic reasons.

As stated before, there is no question mark in Golic Vulcan. There are additional specialized symbols used in typography and science, but we will not discuss them in this particular material. A future page may focus on typographic and scientific symbols. Language Lesson 6 expands on the subject of punctuation.

Traditional Golic Vulcan Example Phrases

Li-falik Zhit-Ballar Ba-Gol-Vuhlkansu

The first 20 or so of the following phrases are direct dialogue from Star Trek motion pictures. They are followed by translated bits and pieces from various sources. The first line is the Traditional Golic Vulcan (TGV) phrase in Federation Standard alphabetical transliteration, the second line is the literal translation word for word from TGV, and the third line is the translation into Federation Standard English from the original subtitles. (If there is a fourth line, it is the revised subtitle text from the 2001 Director's Edition on DVD of *Star Trek: The Motion Picture*.) These phrases should prove educational to both linguists and students of Vulcan.

Dakh orfik-kel aushfamaluhr shaukaush fi'aifa mazhiv

Cast-out ancestors animal passion(s) on-these sands

Our ancestors cast out their animal passions here on these sands
Our ancestors cast out their animal passions on these very sands...

Sha'koshtri korseiven bai'elkhrul-akteiben t'Kolinahr

Own-race saved-by attainment of-Kolinahr

Our race was saved by attainment of Kolinahr
...saving our race through the attainment of Kolinahr.

Kolinahr — k'fai'ei ek'zherka t'forti foshuhl

Kolinahr: Through-which all-emotion(s) finally shed

Kolinahr: Through which all emotion is finally shed
Kolinahr: Through which all emotion is renounced and shed.

Zup-tor vu akarshif - Spahkh

Labor you-yourself a long time, Spock

You have labored long, Spock
You have labored for many seasons, Spock...and you have proved yourself worthy...

I'poprah fasei setebuhk t'ovsot-olozhika

Now-receive this-here symbol of-total-logic

Now receive from us this symbol of total logic
To receive from us this symbol of pure logic.

Nahp - hif-bi du throks

Thoughts - to-me you give

Your thoughts, give them to me
Your thoughts...give them to me

Kashkau - Spahkh - wuhkuh eh teretuhr

Minds, Spock, one and together

Our minds, one and together
Our minds are joined, Spock...together, and as one.

Tish hokni'es kwi'shoret —

To-you consciousness calling-from-afar . . .

This consciousness calling to you from space . . .
I sense the consciousness calling to you from space...

Estuhl terrupik khaf - Spahkh*Touch(es) Earthling blood, Spock*

It touches your human blood, Spock

Your human blood is touched by it, Spock.

Du vrvashal srashiv t'Kolinahr*You failed achievement of-Kolinahr*

You have not achieved Kolinahr

You have not yet attained Kolinahr.

Ti kilko-srashiv kitok-wilat*Lies answer elsewhere*

His answer lies elsewhere

He must search elsewhere for his answer.

I'tah tehrai k'etwel*Now-unobtainable goal with-us*

He will not achieve his goal with us

He shall not find it here.

Dif-tor heh smusma - Spahkh*Live-long and prosper, Spock*

Live long and prosper, Spock

Live long and prosper, Spock.

Gishen worla ik-banu*What-one-expects never the-one-of-which-I-speak*He's never what I expect

Wakli ak'wikman - ot-lan?*In-what-manner surprises, lieutenant?*What surprises you, lieutenant?

Ish'veh ni komin*That-one so human*He's so human

Kling akhlami buhfik - Saavik-kam*Not-one among-us perfect, Saavik-(affection)*Nobody's perfect, Saavik

Saavik wimish. Kup-stariben?*Saavik I-am-called. Able-to-speak?*I am Saavik. Can you speak?

Dom - ki'sarlah*So, have-come*So, it has come

Dungi tu sahrafel?*Will you trust?*

Will you trust me?

Kal-tor palikau*Allow to-commence*

Let it commence

Ben vahl navun*To-us grant success*

Grant us success

Du ki'avon-telik?*You have-hungered?*

Are you hungry?

Vesht akarshif, lesh Vuhlkansu ulidar t'falek, t'salur mazhiv heh t'yon-dak yon-dukal. Sharush solektra yakul etek - salan tam-tor fi'urozh heh vok-tor kahrlar. Tusa na'kusut heh kali-tor na'rishan —*Past a long time, bear Vulcans mark of-heat, of-blow(ing) sand and of-burn(ing) sun. Open-up ground eat us - wind dance on-crops and level cities. Weep for-pain and fight for-survival . . .*

Ages past, Vulcans bore the mark of heat, the scar of blowing sand and burning sun. The ground opened to eat us, the wind danced on our crops and leveled our cities. We wept for the pain and we fought for survival

. . .

Isha nash-veh Vuhlkansu - pontal na'sochya*Also this-one Vulcan, bred for-peace*

I too am a Vulcan, bred to peace

(Spock in "The Savage Curtain")

Olozhika — palik t'kau ri shaht*Logic: Beginning of-wisdom not end*

Logic is the beginning of wisdom not the end

Rubah — gehnli tor-bosh t'ek'nam*Change: Essential process of-all-existence*

Change is the essential process of all existence

Tvai nam u'Vuhlkansu thanai ven-dol-tar - yut t'ha'kiv k'olozhika heh rufai-bosh. Ri kup-bau-tor ish ven-dol-tar goh na'sha'nazh-kap - zo-uf yauluhk ish nazh-kap.*Means existence as-Vulcan (to) adopt philosophy, way-of-life with-logic and beneficial. Not able-to-disregard that philosophy merely for-one's-own-gain - no-matter-how important that gain.*

To be Vulcan means to adopt a philosophy, a way of life which is logical and beneficial. We can not disregard that philosophy merely for personal gain - no matter how important that gain may be.

Ri k'olozhika stau lof-fam*Not with-logic (to) kill reason-less*

It is illogical to kill without reason

K'lof Vuhlkansu ved kup-stau - k'olozhika eh k'yeht-urgam*With-reason Vulcan quite able-to-kill - with-logic and with-efficiency*

If there were a reason, a Vulcan is quite capable of killing - logically and efficiently

(Spock in "Journey to Babel")

Nar-tor tevakh - k'ken-tor kanok-ha'kiv sarlah na'shaht lu haishan wak. Goh kuv ish ha'kiv vesh'thinoi la'tusa pak-tan t'ha'kiv.

(To) Accept death - by-understand every-life come(s) to-end when demand(s) time. Only if that life was-wasted (to) mourn loss of-life.

Accepting death - by understanding that every life comes to an end, when time demands it. Loss of life is to be mourned but only if the life was wasted.

(Spock in "Yesteryear")

Pthak svi'zherka — dan-karik heh dan-khrashik

Fear amongst-emotions: most-strong and most-violent

Fear is among the strongest and most violent of the emotions

(Spock in "Wolf In The Fold")

Svi wonil kash-ral talik - Hassu - fi'tevakh ek yem-tor — ruhm kastik-goh-yokulsu

In strict sense scientific, Doctor, on-death all feed — even vegetarian(s)

In a strict scientific sense, Doctor, we all feed on death — even vegetarians

(Spock in "Wolf In The Fold")

Noshau u'dvinsular tum-vel ohrom heh yeht-urgam'es - nu ri aitlu ne'au dvin-tor

Stand(s) as-servants computer(s) excellent and efficient - but not wish under-them (to) serve

Computers make excellent and efficient servants, but I have no wish to serve under them

Tum-vellar weht yeht-urgam'es - ri weh-rom do kimihnsu

Computers more efficient - not better than human (beings)

Computers are more efficient, not better than human beings

(Spock in "The Ultimate Computer")

Kup-fai-tor ri ruhm Vuhkansu ri-Fainu

Able-to-know not even Vulcan(s) Unknown

Not even Vulcans can know the Unknown

(Spock in "The Immunity Syndrome")

Ri tvai thrap-tor - Osu - klosa ish-veh k'nel-dath siyah komihn

Not mean (to) offend, sir, behave(s) that-one with pattern almost human

I do not mean to offend, sir, but it behaves with an almost human pattern

(Spock in "The Ultimate Computer")

Sem-rik — zhit is-tor nash-veh na'ri-Gishu

Fascinating: word use(s) this-one for-Unexpected

Fascinating is a word I use for the Unexpected

(Spock in "The Immunity Syndrome")

Kluchi nash-veh na'kash-to-vel nahr-fam - kluchi na-tepul lof-torvauk-fam

Object(s) this-one to-intellect discipline-less; object(s) to-power constructive-purpose-less

I object to intellect without discipline. I object to power without constructive purpose

(Spock in "The Squire of Gothos")

Bolau fereik'es na'muhl'es t'vukhut

Need(s) creativity for-health of-body

Creativity is necessary for the health of the body

(Spock in "Return of the Archons")

Svi'wak mu'gel vesht akarshif - svi'wak fa'Surak - nagal sha'koshtri tevakh du sa-kai ki'stal sa-kai. S'eshikh ki'sarlah spes t'shaura eh t'utan'es - spes t'olozhika!

In-time dark past a-long-time, in-time before-Surak, faced our-race death while brother have-killed brother. From-desert have-come voice of-reason and of-compassion, voice of-logic!

In the dark time long ago, in the time before Surak, our race faced death while brother killed brother. Out of the desert came a voice of reason and compassion, a voice of logic!

(Part of an old Vulcan benediction, derived from words spoken at Surak's memorial)

Nam-tor u'sha'yut — tanaf heh ek'tal teretuhr. Ri utvau is-lof ri nam-tor vah vaksurik - tor vak'es k'kla-min tsuri weh-yeht-dau.

Exist(s) as-our-way: art and science united-together. No reason function not exist(s) as beautiful - make(s) beauty with-fact usual(ly) more-effective.

It is our way - Art and Science combined. There is no reason that function should not be beautiful - in fact, beauty makes it more effective.

(Spock in "Spock's World")

Ma ri ni sanosh-yehat vah aitlu. Nam-tor ri k'olozhika hi k'ashiv yeht.

(To) Have not so pleasurable as (to) want. Exist(s) not with-logic but often true.

Having is not so pleasing as wanting. It is not logical, but it is often true.

(Spock in "Amok Time")

Ma so-resh ri lof il utvau hi lau-ma tehrai

Has madness not purpose or reason but may-have goal

Madness has no purpose or reason, but it may have a goal

(Spock in "The Alternative Factor")

Kuv set-tor nash-veh mish-vel-raul fi'ek'tra k'vunai t'a'rak-ne-seshan - bolau ri gla-tor ish-veh tev-tor il zhu-tor solektra-kwul fai-tor k'kla-min ki'tev-tor

If drop(s) this-one wrench on-planet with-field of-positive-gravity - need not see that-one fall or hear ground-hit (to) know with-fact has-fallen

If I drop a wrench on a planet with a positive gravity field, I need not see it fall, nor hear it hit the ground, to know that it has in fact fallen

(Spock in "Court Martial")

Nam-tor zherka na'nash-veh u'akanik — nam-tor u'ek'talsu

Exist(s) emotion(s) to-this-one as-alien — exist(s) as-scientist

Emotions are alien to me — I am a scientist

(Spock in "The Paradise Syndrome")

Da-tor na'ain-wak tik t'etek svi'sha'ha'kiv na'ain-veh — wuh sa-mekh - sa-kai - ekon - heh ya'akash — Nash-veh la po? Nash-veh tvai-nam-tor u'ra?

Turns at-some-time each of-us in-our-life to-someone - a father, brother, god - and asks: This-one here why?

This-one meant-(to)-exist as-what?

Each of us at some time in our life turns to someone - a father, a brother, a god, and asks: Why am I here?

What was I meant to be?

(Spock in "Star Trek: The Motion Picture")

Spunau bolayalar t'Wekku bolayalar t'Zamu il t'Veh

Outweighs needs of-many needs of-few or of-the-one

The needs of the many outweigh the needs of the few or the one

(Spock in "Star Trek: The Wrath of Khan", repeating Surak's alleged final words)

Ki'nam-tor nash-veh heh kwon-sum dungau nam-tor t'hai'la t'du*Have-been this-one and always shall be friend of-you*

I have been and always shall be your friend

(Spock in "Star Trek: The Wrath of Khan")

Wilat ri nam-tor zherka - ri nam-tor dvubolek na'khrash*Where not exist(s) emotion, not exist(s) motive for-violence*

Where there's no emotion, there's no motive for violence

(Spock in "Dagger Of The Mind")

Nam-tor kusut u'vel t'kashek. Kup-putash-tor kashek.*Exist(s) pain as-thing of-mind. Can-be-controlled mind.*

Pain is a thing of the mind. The mind can be controlled.

(Spock in "Operation -- Annihilate!")

Nam-tor nanlar u'riolozhika heh vlitaya tsuri kodonuhk*Exist(s) threats as-illogical and payment usual(ly) expensive*

Threats are illogical and payment is usually expensive

(Sarek in "Journey to Babel")

Nam-tor wahtayalar u'yeht-daya wilat goh-pulayau zherka*Exist insults as-effective where only-to-be-present emotion*

Insults are effective only where emotion is present

(Spock in "Who Mourns For Adonais?")

Ri pubau-tor velik tukhik to-gavlar. Ri nam-tor Nam rik'au.*Not to-be-ignored simply physical laws. Not exist(s) Existence without-them.*

Physical laws simply cannot be ignored. Existence cannot be without them.

(Spock in "Spectre Of The Gun")

The First Two Movies**Star Trek: The Motion Picture —
Actual Spoken Dialogue vs. What Was Dubbed In Later**

The following phrases comprise the entire Vulcan dialogue from *Star Trek: The Motion Picture*. The scene where Spock goes to the plains of Gol to receive the symbol of total logic from Kolinahr Master, T'Sai, was originally recorded in English in an exaggerated speech style. We do not know for sure if they intended all along to dub in spoken Vulcan or if that was a later editorial decision. We do know for a fact, that one of the production staff shared this with us in an exclusive (as for as we know).

The first line is the original spoken dialogue in English, the second line is the corresponding spoken Vulcan from that segment, and the third line is the English sub-title that went with them. You will notice that they swapped the order of two sentences later to allow for a better "fit" with the dubbed Vulcan. The dubbing of this sequence was really rather brilliant — it looks like they are saying it. It only becomes clear when you mute the sound and see what is really being spoken. This should prove an interesting bit of motion picture history for dedicated fans. Enjoy!

Here on these sands, our forebearers cast out their animal passions*Dakh orfik-kel aushfamaluhr shaukaush fi'aifa mazhiv*

Our ancestors cast out their animal passions here on these sands

And our race was saved by the fullest attainment of Kolinahr*Sha'koshtri korseiven bai'elkhrul-akteiben t'Kolinahr*Our race was saved by attainment of Kolinahr

The Kolinahr finally shed full emotions*Kolinahr — k'fai'ei ek'zherka t'forti foshuhl*Kolinahr: Through which all emotion is finally shed

You have labored long, Spock*Zup-tor vu akarshif - Spahkh*You have labored long, Spock

Now receive from us this symbol of total logic*I'poprah fasei setebuhk t'ovsot-olozhika*Now receive from us this symbol of total logic

Stop! Give me your thoughts*Nahp - hif-bi du throks*Your thoughts, give them to me

Our minds, Spock, one and together*Kashkau - Spahkh - wuhkuh eh teretuhr*Our minds, Spock, one and together

This consciousness which calls . . .*Tish hokni'es kwi'shoret —*This consciousness calling to you from space . . .

It stirs your human half, Spock*Estuhl terrupik khaf - Spahkh*It touches your human blood, Spock

You have not achieved Kolinahr*Du vravshal srashiv t'Kolinahr*You have not achieved Kolinahr

He will not achieve his goal with us*Ti kilko-srashiv kitok-wilat*His answer lies elsewhere

His answer lies elsewhere*I'tah terai k'etwel*He will not achieve his goal with us

Live long and prosper, Spock*Dif-tor heh smusma - Spahkh*

Live long and prosper, Spock

Star Trek: The Wrath of Khan — Actual Spoken Dialogue vs. What Was Dubbed In Later

The following phrases comprise the entire Vulcan dialogue from *Star Trek: The Wrath of Khan*. The scene is where Spock and Saavik pause in the corridor to discuss her reaction to Admiral Kirk. The dialog was originally spoken in English and dubbed later with spoken Vulcan language created by Marc Okrand of Klingon language fame.

The first line is the original spoken dialogue in English, the second line is the corresponding spoken Vulcan from that segment, and the third line is the English subtitle that went with them. The dubbing of this sequence is quite good — it looks like they are saying it.

He's not what I expect, sir

Gishen worla ik-banu

He's never what I expect, sir

What did you expect, lieutenant?

Wakli ak'wikman - ot-lan?

What surprises you, lieutenant?

He's very . . . human

Ish-veh ni — komin

He's so . . . human

We can't all be perfect, Saavik

Kling akhlami buhfik - Saavik-kam

Nobody's perfect, Saavik

Golic Vulcan Lessons Gol-Vuhlkansu Tupalar

Before beginning these lessons, we recommend that the student review our various grammar pages and the dictionaries.

Lesson 1 -- Pronunciation

Golic Vulcan - Lesson 1 Gol-Vuhlkansu - Tupa 1

PRONUNCIATION Salasharaya

Traditional and Modern Golic Vulcan vowel-sounds are pronounced as follows, using Federation Standard English (FSE) examples, except where noted.

Remember that FSE was based on the dominant Midwestern Dialect of North American English, the Earth language the Vulcans were originally exposed to at First Contact and which became the world-wide standard during recovery from the Post-Atomic Horror. For whatever reason, North America suffered the least, relatively speaking, during and after the various wars that culminated in the Last World War, and Vulcan-assisted recovery took its foothold in what was once the United States and Canada.

a -- as "a" in *ball* (nala, pstha, vath)

ah -- as "o" in *hot* if spoken about twice normal speed (dah, pahth, shaht)

ai -- as "i" in *nice* (aifa, kai, svai)

au -- as "ou" in *house* (ayau, kaukuh, maut)

e -- as "e" in *bed* (kep, lesek, senepa)

eh -- as the "e" in *yet* if spoken about twice normal speed (leh, nehg, sehlat)

ei -- as "a" in *same* (eitaui, nei, shei)

i -- as "ee" in *seem* (bling, dungui, mik)

ih -- as "i" in *hit* (ihn, kiht, pihl)

o -- as "o" in *home* (dom, nodolau, thol)

oh -- an "o" in throat with lips rounded, like a short Scandinavian "å" (ohkuh, spoh, woht)

oi -- as "oy" in *boy* (kroikah, sanoii, thinoi)

u -- as "oo" in *soon* (navun, salur, zup)

uh -- as "u" in *ugly* but with lips more rounded (natuhn, tuhk, wuhkuh)

Note: Doubling an individual vowel lengthens the sound, never changes it.

Golic Vulcan consonant sounds are nearly the same as their FSE counterparts. The only exceptions are:

ch -- always hard as "ch" in *cheese* (achut, isachya, kluchi)

kh -- close to the "ch" in German *Bach* or Scottish *loch* (ahkh, dakh, khush)

th -- always hard like "th" in *thank* (kethtra, math, thonek)

y -- always a consonant, as "y" in *yellow* (daya, sayek, yel)

zh -- like the second "g" in *garage* (bezhun, di'kizh, zhit)

Although doubled consonants are not common in Golic Vulcan, when they do occur, they are pronounced as follows:

ll -- drawn out, often slightly trilled (d'mallu)
mm -- at the end of a word, almost like "muh" (samm)
nn -- at the end of a word, almost like "nuh" (stonn)
rr -- drawn out, often slightly rolled (harr)
ss -- drawn out, almost like a slight hiss (tessaya)

Note: Doubled consonants are fairly common in other Vulcan languages.

Golic Vulcan includes consonant combinations that never occur in FSE. Since there are no silent letters in Golic Vulcan words, you must pronounce all letters. For example:

fnesh -- try saying "fuh-nesh" but as one syllable.
khlup -- try saying "khuh-lup" but as one syllable.
khrash -- try saying "khuh-rash" but as one syllable.
ktrorr -- try saying "kuh-torr" but as one syllable.
psthath -- try saying "puhs-tha" but as one syllable.
sfith -- try saying "suh-fith" but as one syllable.
vlitau -- try saying "vuh-litau" but together.
vravshau -- try saying "vuh-ravshau" but together.

All these examples show the consonant combinations at the beginning of an example word, but they may appear in the middle of a word as well. Of these, spelling rules allow only "kt" to appear at the end of a Golic Vulcan word, though.

In all words with apostrophes, such as di'kizh or pi'sef, whether they are an individual word or a word with a prepositional prefix, the apostrophe is pronounced as a glottal stop. The word segments must never be run together, there is a definite break in pronunciation in the word. In all words with hyphens, regardless of whether they are a compound word or an affixed word, the hyphen is not pronounced per se, but you must take care not to run the parts of the word together. Therefore, many hyphenated words can sound like there is a very short glottal stop between their segments.

Lesson 2 -- Introduction to Words - Simple Words**Golic Vulcan - Lesson 2
Gol-Vuhlkansu - Tupa 2****INTRODUCTION TO WORDS - SIMPLE WORDS
Ragtaya na'Zhitlar - Veli-Zhitlar**

This basic lesson is an introduction to "Simple Words" in Golic Vulcan. These are basically all words in use by Golic Vulcan speakers that are a "single, indivisible unit". These words can be anywhere from very ancient to very new in formation. They also may include words borrowed from other languages. The information on this page works for both Traditional and Modern Golic. The following are selected examples to introduce the student to Golic Vulcan words:

**Ancient and Borrowed Simple Words
Ma'os heh Yahvik Veli-Zhitlar**

Ahkh - borrowed word for "war", appears as 'ahkh in some other Vulcan languages
 Ask'er - borrowed word for "soldier"
 Balkra - ancient word for a type of aromatic casserole
 Batai - ancient word for "sturdy"
 D'mallu - ancient word for a type of carnivorous plant
 Dzharal - borrowed word for an extinct small, horned, horse-like animal; appears as jarel in some other Vulcan languages
 Ek'zer - ancient word for "gem" or "jewel", originally a compound word
 Farr - ancient word for "time", now considered obsolete and only used poetically in Golic Vulcan
 Fo - ancient word for "shell"
 Glozho - ancient word for "elixir"
 Haran - borrowed word for a legendary "fire beast"
 K'torr - ancient word for the concept of completely lacking something
 Ki'haf - ancient word for "basket", originally a compound word
 Krahkra - ancient Vulcan-wide term meaning roughly "it is nothing"
 La'ash - ancient word for "axe"
 Mu'yor - ancient word for "night", originally a compound word
 Nikh - ancient word for "eye", now considered obsolete and only used poetically in Golic Vulcan
 Orniaga - ancient word for "irritated", often considered obsolete to modern, logical Vulcans
 Ro'fori - ancient word for "information", originally a compound word
 Seheik - borrowed word for "pilgrims", originally meant "declared ones"
 Te'koshfet - ancient word for "architect", originally a compound word
 Urozh - ancient word for "crop(s)"
 Visak'a - ancient word for "legacy"
 Waneti - borrowed word for a type of flowering plant
 Ya'akash - ancient word for "to ask"
 Zherka - ancient word for "emotions"

**True Golic Simple Words
Yeht-Golik Veli-Zhitlar**

Aluk - fish

Ashau - to love
Behsu - neighbor
Dohn - board, plank
Ek'an - maximum
Faka - hernia
Fonn - loyal
Gehkli - essential
Gonaf - button
Halek - wheel
Igen - sky
Khrash - violence
Mashya - a type of vegetable
Nakarat - endeavor
Pelakh - filament
Rivak - course
Shaik - odd
Su'us - number
Temok - wall
Vikuvau - to encircle, to surround
Yerak - bowl
Zakar - damage

Notes

Pitohlar

1. Simple Words are always "indivisible", meaning that breaking them apart will not leave two or more stand-alone word roots with a contemporary Golic Vulcan meaning.
2. Older Simple Words may have been a Compound Word at some point in the past, but can no longer be broken down to word roots with separate meanings in Golic Vulcan.
3. Ancient Simple Words may or may not be directly related to Golic Vulcan.
4. Simple Words in Golic Vulcan that were borrowed from another language may still be a valid Compound Word in the other language, but are considered "Simple" to Golic speakers, because the separate parts are meaningless in Golic Vulcan.
5. Simple Words never contain a "hyphen" (pakh) but can contain an "apostrophe" (ulef-pekhaya).
6. Simple Words may be affixed with any combination of a prefix, a suffix or both.

Additional information and examples are provided in following lessons.

Lesson 3 -- Introduction to Words - Compound Words**Golic Vulcan - Lesson 3
Gol-Vuhlkansu - Tupa 3****INTRODUCTION TO WORDS - COMPOUND WORDS
Ragtaya na'Zhitlar - Terti-Zhitlar**

This simple lesson is a grammatical introduction to "Compound Words" in Golic Vulcan. These are basically all words used by Golic Vulcan speakers that are made up of two or three base word roots. These words can be anywhere from very ancient to very new in formation. They also may include words borrowed from other languages. The information on this page works for both Traditional and Modern Golic. The following are selected examples to introduce the student to Golic Vulcan words:

**Ancient and Borrowed Compound Words
Ma'os heh Yahvik Terti-Zhitlar**

Ahn-wun - ancient Vulcan-wide name for a traditional weapon
 Ba-tak - borrowed word for "tradition", no separate meanings in GV
 Dap-lan-pa - ancient children's game
 Fal-tor-pan - ancient ceremony to rejoin the body and katra
 Fnu-ven - ancient word for "hatred"
 Ka-ni-fur - ancient term for the first ritual of maturity
 Kar-an-zhi - ancient word for a cactus-like plant, written "ka-ranji" in other Vulcan languages
 Le-matya - ancient Vulcan-wide name for a large, desert predator
 Norn-la-hal - ancient term for the change of status from child to adult
 Sele-an-t'li - ancient term for the secondary level of adult discipline
 Tab-ma - ancient word for "late"
 Ven-dol-tar - ancient term for "philosophy"

**True Golic Compound Words
Yeht-Golik Terti-Zhitlar**

Asal-yem - breakfast, literally "morning meal"
 Bezhun-masu - tear(s), literally "eye water"
 Dah-wak - twice, literally "two times"
 Esh-tukh - oxygen, literally "breathe stuff"
 Fa-wak-glansu - prophet, literally "future seer"
 Fnash-vel - broom, literally "sweep thing"
 Ifis-tor - to transport, literally "transport to do"
 Kahm-yokulsu - carnivore, literally "meat-eater"
 Kastik-goh-yokulsu - vegetarian, literally "plant-only-eater"
 Mahr-kel - market or store, literally "buy-building"
 Numo-zan-vel - microscope, literally "microscopic-view-thing"
 Pi'nafek - gland, literally "small-organ"
 Ralash-tanaf - music, literally "sound-art"
 She'rak - east, literally "rise-direction", referring to the sunrise
 Shi'dunap - library, literally "place of the book(s)"
 Wuh-thurai - the next one, literally "one-next"

**Notes
Pitohlar**

1. Ancient Compound Words may possibly be broken down into stand-alone word roots with a contemporary Golic Vulcan meaning but, more often than not, some of the roots may have shifted in meaning over time and other parts may no longer have any meaning.
2. Ancient Compound Words may or may not be directly related to Golic Vulcan.
3. Compound Words in Golic Vulcan that were borrowed from another language may be broken down into separate roots in the other language, but the separate parts are usually meaningless in Golic Vulcan.
4. Compound Words may contain a "hyphen" (pakh), "apostrophe" (ulef-pekhaya), or any combination of neither or both.
5. *Compound Words may contain no more than three hyphenated word roots in Golic Vulcan.* This is an ironclad grammar rule in all Golic Vulcan languages. A compound word of two roots is called a "Binary Compound" and a compound word of three roots is called a "Trinary Compound". The rule of three hyphenated roots does not exclude grammatical affixes, such as prepositions.
6. Compound Words made up of two hyphenated roots (Binary Compound) may be affixed with one other root to make a Trinary Compound and/or may be affixed with any combination of a grammatical prefix, suffix or both.
7. Compound Words made up of three hyphenated roots (Trinary Compound) *may not* be affixed with another word root, but *may* be affixed with any combination of a grammatical prefix, suffix or both.

Additional information and examples are provided in following lessons.

Lesson 4 -- Noun-Verb Pairs**Golic Vulcan - Lesson 4
Gol-Vuhlkansu - Tupa 4****NOUN-VERB PAIRS
Shiflar t'Vel-Zhit - Tor-Zhit**

This lesson is a grammatical introduction to noun-verb pairs in Traditional and Modern Golic Vulcan. Following regular patterns found in many verbs, it is often easy to determine what the corresponding noun form of the word is. It does not work as easily when going from the noun to the verb, as we will show below. The Golic Vulcan languages are languages with millennia of history behind them and have had many borrowings from other Vulcan languages. Changing technology and language reforms, left incomplete after Surak's death, have also changed the use or form of some words over time.

**Notes
Pitohlar**

All verbs in Golic Vulcan have a corresponding noun form and vice versa. Unlike many Federation Standard English words where the noun and the verb are the same word, for example, "like", "hate", etc., it is practically unheard of in the Golic Vulcan languages to see this. Vulcans accept the logic of the words of the famous ancient grammarian Tenek of Shi'Han, whose first words to every new class of students was simply, "Na'natya is - natya shid." ("For different use, a different form.")

Below are several charts showing examples of different kinds of noun-verb pairs.

**Pairs From Weak Verbs
Shiflar t'Kobat-Tor-Zhitlar**

Verb Form	Noun Form
Ashiv-tor (to repeat)	Ashiv (repeat/repetition)
Fulag-tor (to lead)	Fulag (lead, as in a race)
Is-tor (to use)	Is (use)
Kras-tor (to paint)	Kras (paint)
Kum-tor (to catch)	Kum (catch)
Mahr-tor (to buy)	Mahr (buy)
Min-tor (to glow)	Min (glow)
Tam-tor (to dance)	Tam (dance)
Zhu-tor (to hear)	Zhu (hearing)

Noun-Verb Pairs -- "Regular" Weak Verbs

Although this looks childishly simple and you would be tempted to assume all weak verbs pair this way, this is not the case. Because of confusion with another similar word or for phonic clarity, the root of many weak verbs is actually "clipped off". If you simply removed the "-tor" action suffix of these

"clipped" weak verbs, the remaining "noun" *could* mean something unrelated to the verb or even nothing at all. For example, "da" means "pebble" -- the noun partner of "da-tor" is "dan" (see below).

Also, it is possible to find a shade or difference in meaning in different endings of nouns, compared to the corresponding verbs. Study the large vocabulary lists on our site to note these differences.

Verb Form	Noun Form
Da-tor (to rotate)	Dan (rotation)
Gla-tor (to see)	Glan (sight)
She-tor (to ascend)	Shen (ascent)
Tev-tor (to descend)	Tevan (descent)
Zahv-tor (to taste)	Zahvan (taste)

Noun-Verb Pairs -- "Clipped" Weak Verbs

As you can see, though, all of the "clipped" examples are suffixed "~n" (after a vowel) or "~an" (after a consonant). In the future, when translating Golic Vulcan weak verbs, remember this pattern, as it holds true for most cases. Therefore, if you come across a weak verb like "klu-tor" or "zan-tor" and cannot find a corresponding noun "klu" or "zan" with the right meaning, try "klun" or "zanan".

Pairs From Irregular Strong Verbs Shiflar t'Ripakhaik Kari-Tor-Zhitlar

Verb Form	Noun Form
Aitlu (to desire)	Aitlun (desire)
Estuhl (to touch)	Esta (touch)
Foshuhl (to shed)	Fosha (shedding)
Ip-Sut (to hide)	Ip-Sui (hiding)
Klacha (to lock)	Klachek (lock)
Lasha (to arrive)	Lashan (arrival)
Pstha (to search)	Psthan (search)
Salur (to blow)	Sal (blow, as in wind)
Shei (to scream)	She (scream)
Thanai (to adopt)	Thanah (adoption)
Vlur (to howl)	Vlu (howl)/Vlun (howling)
Yokul (to eat)	Yoka (eating)

Noun-Verb Pairs -- Irregular Strong Verbs

Irregular strong verbs cause the most confusion to students of the Golic Vulcan languages. This is because these verbs are usually ancient words and/or words from non-Golic Vulcan languages. The rules for Golic Vulcan word formation often do not have any meaning here. Surak and others had intended to smooth out these irregularities gradually over time, but Surak's death prevented the

reforms from being completed. There are patterns here, of course, but they are based on the grammatical rules of the parent language. Students of Golic Vulcan will have to memorize these words.

Pairs From Regular Strong Verbs
Shiflar t'Pakhaik Kari-Tor-Zhitlar

Verb Form	Noun Form
Betau (to approach)	Betaya (approach)
Danau (to explain)	Danaya (explanation)
Kitau (to write)	Kitaya (writing)
Tishau (to like)	Tishaya (like/liking)
Vravshau (to fail)	Vravshaya (failure)

Noun-Verb Pairs -- Regular Strong Verbs

As is plain to see, all regular strong verbs have a noun partner with a fixed pattern of formation. Of course, some of these kinds of verbs have additional nouns based on the same root with other forms for different shades of meaning. Students will need to study the vocabulary lists for examples of these.

Lesson 5 -- Introduction to Numbers**Golic Vulcan - Lesson 5
Gol-Vuhlkansu - Tupa 5****INTRODUCTION TO NUMBERS
Ragtaya na'Su'uslar**

Traditional and Modern Golic Vulcan numbers come in five different types: Cardinal, Ordinal, Enumerating, Combining (Form) and Adjectival (Form). Each type is introduced in this grammar lesson. Later lessons will go more into depth on how these types are used grammatically.

CARDINAL NUMBERS

Unlike in Federation Standard English (FSE), where a Cardinal Number is used both for counting and for indicating how much of an item there is, in Golic Vulcan, a Cardinal Number is used for counting (one, two, three, four, etc.) and when you use it like a noun (for example, "I am *one* of many", etc.).

FSE	TGV/MGV
1	wuhkuh
2	dahkuh
3	rehkuh
4	kehkuh
5	kaukuh
6	shehkuh
7	stehkuh
8	ohkuh
9	naukuh
10	lehkuh
11	leh-wuh
12	leh-dah
13	leh-reh
14	leh-keh
15	leh-kau
16	leh-sheh
17	leh-steh
18	leh-oh
19	leh-nau
20	dah-leh
25	dah-leh kaukuh

30	reh-leh
40	keh-leh
50	kau-leh
60	sheh-leh
70	steh-leh
80	oh-leh
90	nau-leh
100	teh
150	teh kau-leh
200	dah-teh
1,000	leh-teh
1,500	leh-teh kau-teh
2,000	dah-leh-teh
1,000,000	zhoh

Table of Cardinal Numbers**ORDINAL NUMBERS**

In Golic Vulcan, Ordinal Numbers are used in almost the identical way as their counterparts in FSE. A following lesson covers use of this form in sentences.

FSE	TGV/MGV
1st	wuh'rak
2nd	dah'rak
3rd	reh'rak
4th	keh'rak
5th	kau'rak
6th	sheh'rak
7th	steh'rak
8th	oh'rak
9th	nau'rak
10th	leh'rak
11th	leh-wuh'rak
12th	leh-dah'rak
13th	leh-reh'rak
14th	leh-keh'rak
15th	leh-kau'rak
16th	leh-sheh'rak
17th	leh-steh'rak

18th	leh-oh'rak
19th	leh-nau'rak
20th	dahl'rak
25th	dah-leh kau'rak
30th	rehl'rak
40th	kehl'rak
50th	kaul'rak
60th	shehl'rak
70th	stehl'rak
80th	ohl'rak
90th	nau'l'rak
100th	teh'rak
150th	teh kaul'rak
200th	dah-teh'rak
1,000th	leht'rak
1,500th	leh-teh kau-teh'rak
2,000th	dah-leht'rak
1,000,000th	zhoh'rak

Table of Ordinal Numbers

ENUMERATING NUMBERS

In Golic Vulcan, a form different from the Cardinal Numbers is used when counting how many of an item there is, for example, "there is *one* ball" and "Surak sees *two* possibilities". The Enumerating Number is also used when answering a question where a specific quantity is the response or when filling out a form that needs a numerical response filled in. Some Enumerating Numbers are the same as their corresponding Cardinal Numbers, especially the higher numbers.

FSE	TGV/MGV
1	wuh
2	dah
3	reh
4	keh
5	kau
6	sheh
7	steh
8	oh
9	nau
10	leh
11	leh-wuh

12	leh-dah
13	leh-reh
14	leh-keh
15	leh-kau
16	leh-sheh
17	leh-steh
18	leh-oh
19	leh-nau
20	dah-leh
25	dah-leh kau
30	reh-leh
40	keh-leh
50	kau-leh
60	sheh-leh
70	steh-leh
80	oh-leh
90	nau-leh
100	teh
150	teh kau-leh
200	dah-teh
1,000	leh-teh
1,500	leh-teh kau-teh
2,000	dah-leh-teh
1,000,000	zhoh

Table of Enumerating Numbers

COMBINING (FORM) NUMBERS

In Golic Vulcan, as you will learn more fully in following lessons, when numbers are used as a combining adjective or as a modifying prefix, they are directly affixed to a word if the word is a solitary or basic word ("psthan", "skladan", "tchorka", etc.) or a binary word ("esh-tukh", "tal-muv", "yeht-gav", etc.) AND the Combining Form is a single affix. Corresponding examples of these forms in FSE would be "mono-", "uni-", "single-", "two-", "bi-", "di-", "double-", "tri-", "triple-", etc.

FSE	TGV/MGV
1	wuh-
2	dah-
3	reh-
4	keh-
5	kau-

6	sheh-
7	steh-
8	oh-
9	nau-
10	leh-
11	leh-wuh-
12	leh-dah-
13	leh-reh-
14	leh-keh-
15	leh-kau-
16	leh-sheh-
17	leh-steh-
18	leh-oh-
19	leh-nau-
20	dahl-
25	dah-leh kau-
30	rehl-
40	kehl-
50	kaul-
60	shehl-
70	stehl-
80	ohl-
90	naul-
100	teh-
150	teh kaul-
200	dah-teh-
1,000	leht-
1,500	leh-teh kau-teh-
2,000	dah-leht-
1,000,000	zhoh-

Table of Combining Form Numbers

Important Note: Combining Form Numbers must follow the word formation rules that dictate you cannot have more than three roots in a single word. For example, you can't have "leh-wuh-tal-muv" or "leh-dah-os-khaf-mev". Therefore, only the numbers one through ten, one hundred, one thousand, and one million are used regularly in Combining Form in proper Golic grammar. (The next form covers all other grammatical uses of adjectival or modifying numbers.)

ADJECTIVAL (FORM) NUMBERS

The Adjectival Form numbers are used exactly the same as a true adjective. Refer to later lessons which show how adjectives are used. Remember not to confuse them with the Ordinal Numbers.

FSE	TGV/MGV
1	wuhik
2	dahik
3	rehik
4	kehik
5	kauyik
6	shehik
7	stehik
8	ohik
9	nauyik
10	lehik
11	leh-wuhik
12	leh-dahik
13	leh-rehik
14	leh-kehik
15	leh-kauyik
16	leh-shehik
17	leh-stehik
18	leh-ohik
19	leh-nauyik
20	dah-lehik
25	dah-leh kauyik
30	reh-lehik
40	keh-lehik
50	kau-lehik
60	sheh-lehik
70	steh-lehik
80	oh-lehik
90	nau-lehik
100	tehik
150	teh kau-lehik
200	dah-tehik
1,000	leh-tehik
1,500	leh-teh kau-tehik
2,000	dah-leh-tehik

1,000,000	zhohik
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Table of Adjectival Form Numbers

Lesson 6 -- Punctuation**Golic Vulcan - Lesson 6
Gol-Vuhlkansu - Tupa 6****PUNCTUATION
Pehkamitaya**

In this lesson, we cover each Golic Vulcan punctuation mark and provide examples of its use with FSE translations. There are no exercises with this lesson.

As we'll see, Golic Vulcan sentence construction is different from that of FSE. Despite the differences, Golic Vulcan has a number of punctuation marks equivalent to those used in FSE. Listed below are all of the punctuation marks used in Traditional and Modern Golic Vulcan. For clarity, examples of use are provided where necessary.

" - " PAKH (stroke)

A very common mark used in affixing or compounding words, weak verbs, and in a sentence as a comma or semi-colon is used in FSE. Also exists in borrowed or ancient words that were originally affixed or compounded but no longer have a separate meaning.

1. In suffixes: kan-fam or pthak-bosh.
2. In compound words: esh-tukh or yokul-mev.
3. In weak verbs: fal-tor or vin-tor.
4. In ancient or borrowed words: fah-yat or rau-nol.
5. As a comma: Vesht gla-tor Sonok kus-vakh - dunap - ha'fek heh math (Sonok saw a bell, book, candle and plate), etc.
6. As a semicolon: Ma sa-kan dukal heh kep - ko-kan mokuv heh leitri (The boy owns a ball and a gong; the girl a ring and a toy), etc.

" – " or " -- " DAH-PAKH (double-stroke)

Used as a colon or dash is used in FSE.

1. As a colon: Nam-tor la reh Vuhlkansu – Sarek - Spokkh heh Saavik (There are three Vulcans here: Sarek, Spock and Saavik), etc.
2. As a dash: Olozhika - fai-tukh heh kenan – nam-tor u'vellar etek saven-tor (Logic, knowledge and understanding—these are the things we teach), etc.

" — " or " --- " EK'PAKH (full-stroke)

Used instead of the dah-pakh in classical literature, such as the works of Surak and T'Plana-Hath, and the majority of other religious and philosophical works. It has been superceded in most modern usage by the dah-pakh for typographic reasons, due to popularity of the media script. Also, equivalent to the ellipsis (... or) in FSE usage.

1. Instead of the dah-pakh in literature: >Ma etek natyan — teretuhr lau etek shetau weh-lo'uk do tum t'on.< ("We have differences. May we, together, become greater than the sum of both of us."—Surak)

2. As an ellipsis: >Tishau etek — nam-tor ish — kuv ri pohkau du —< ("We'd like to . . . that is . . . if you don't mind . . .")

" ' " ULEF-PEKHAYA (half-stop)

A common mark used to separate affixes from root words. Also exists in some borrowed or ancient words that were once affixed or compounded but no longer have a separate meaning.

1. In prefixes: t'kau or svi'nahr.
2. In suffixes: hokni'es or pla'rak.
3. In ancient or borrowed words: vo'ekti.

" . " EK'PEKHAYA (full-stop)

Used as a period is used in FSE.

" .. " DAH-PEKHAYA (double-stop)

Used for emphasis and in imperatives, equivalent to an exclamation point in FSE. It is used sparingly by most modern Vulcans due to the fact that it evokes emotional displays. For example, the dialogue of Vulcan characters in a story would practically never contain dah-pehkaya, while the dialogue of non-Vulcans certainly could.

1. In exclamations: Sarlah wuh le-matya.. (There is a le-matya coming!)
2. In imperatives: Ikap-tor du svep.. (Close the door!)

" ... " REH-PEKHAYA (triple-stop)

Used for greater emphasis than the dah-pehkaya, similar to multiple exclamation points in FSE.

Tuhsau Rihansular Ta'raf-Shal... (The Romulans are crossing the Neutral Zone!!!)

" | " ABRU-PAKH (up-stroke)

Used as a virgule (/) is used in FSE. (But the structure "and/or" in FSE is rendered as "il-eh" in Golic Vulcan.)

Orenal T'Luki terrupik wak-krus 1999|2000 (T'Luki studied the Earth period 1999/2000).

" | | " TUHNSK-NENTULAR (comment frames) or WUH-NENTULAR (single frames)

Used as parentheses are used in FSE.

Dungi nam-tor keh os-yel-hali | ek s'kadvin | moguhshau (Four old starships (all out of commission) will be scrapped).

" || | | " DAH-NENTULAR (double frames)

Used as brackets are used in FSE.

Vesht sarlah nemut | Kardassular || il sos'eh Dzhem-Hadaru || | (The enemy (the Cardassians [or perhaps the Jem-Hadar]) arrived).

" > < " STARUN-NENTULAR (speech frames)

Used as quotation marks (double quotes) are used in FSE.

Vesht tar-tor Surak >Nam-tor ri thrap wilat nem-tor rim<. (Surak said, "There is no offense where none is taken.")

Additional Notes

Hayaik Pitohlar

1. As stated elsewhere, there is no question mark in Traditional Golic Vulcan. A normal question ends with ek'pehkaya in sentences with or without ha at the end. Also, where you would use a construction like "What in the world are you talking about?!?" in FSE, you'd end the emphatic Golic Vulcan question with dah-pehkaya. For example, >Svi'ahm t'Surak ra..< ("What in Surak's name?!?")
2. No other punctuation marks exist in proper Golic Vulcan. Thus, there are no equivalent symbols to the ampersand (&), the number sign (#), braces ({}), the swung dash (~), etc.
3. Specialized symbols exist for science and mathematics, of course. They may be dealt with at a later date.

Lesson 7 -- The Simple Sentence, Part 1**Golic Vulcan - Lesson 7
Gol-Vuhlkansu - Tupa 7****THE SIMPLE SENTENCE, PART 1
Velik Zhit-Bal - Krus 1**

Vocabulary
Zhit-Feim

Nash-veh *I, me (literally "this-one")*
 Du *You (singular; alone or after a consonant sound)*
 Tu *You (singular; after a vowel sound)*
 Ish-veh *he, she, it (literally "that-one")*
 Etek *we, us (normal mode)*
 Dular *you (plural; alone or after a consonant sound)*
 Tular *you (plural; after a vowel sound)*
 Au *they, them*

Nam-tor *is, am, are*
 Gla-tor *see, sees*

Eh *and (after a vowel sound)*
 Heh *and (alone or after a consonant sound)*
 Hi *but*
 Fi' *on*
 Na' *at, to(wards)*
 Svi' *in(side)*

Fi'ar'kadan *working, at work*
 Masupik *wet*
 Nash-gad *today*
 Nesh-kur *black*
 Pi, Pi' *little, small*
 Samek *cold*
 Suk, Suk' *big, large*
 Toranik *busy, occupied*
 Wan-kur *white*
 Zungor *tired*

Falek *heat*
 Isachya *hair (multiple strands)*
 Le-matya *a large, venomous desert predator*
 Sehlat *a bear-like, often domesticated, animal*
 Solai *field*
 Svep *door*
 Teresh-kah *a type of bird*
 Yon *fire*

Sonok *a male Vulcan proper name*
 T'Luki *a female Vulcan proper name*

Notes
 Pitohlar

1. The formal order of words in a simple Golic Vulcan sentence is:
 - a. the Verb
 - b. the Subject
 - c. the Object
 - d. phrases that extend the Verb

For example:

Vesht gla-tor nash-veh sehlat na'svep
 (Saw this-one sehlat at-door)
I saw a sehlat at the door

2. There is no definite article in Golic Vulcan, e.g. "sehlat" can be translated *sehlat* or *the sehlat*.
3. The indefinite article (wuh) is always used in Traditional Golic Vulcan, while it is rarely used in Modern Golic Vulcan. For this lesson we will use the Modern Golic usage. Thus, "le-matya" can be either *le-matya* or *a le-matya* in Modern Golic, while in Traditional Golic, "le-matya" is *le-matya* and "wuh le-matya" is *a le-matya*.
4. Simple Verbs, especially "nam-tor" (to be), are often dropped when understood or unnecessary, e.g. "Nam-tor sehlat la" and "sehlat la" both can be translated *the sehlat is here*.

Exercise 1
 Tusok 1

Translate the following into Federation Standard English:

1. Sehlat nesh-kur. 2. Le-matya wan-kur. 3. Sehlat nesh-kur hi le-matya wan-kur. 4. Sehlat pi. 5. Le-matya suk. 6. Sehlat pi hi le-matya suk. 7. Le-matya na'svep heh sehlat na'yon. 8. Svep pi eh yon suk. 9. Nam-tor falek svi'yon. 10. T'Luki pi. 11. Sonok suk. 12. Sonok heh T'Luki fi'ar'kadan. 13. Nash-gad Sonok heh T'Luki fi'ar'kadan svi'solai. 14. Au toranik svi'solai. 15. Du toranik. 16. Dular zungor. 17. Nam-tor nash-gad masupik. 18. Sonok heh T'Luki masupik heh samek.

Exercise 2
 Tusok 2

Translate the following into Golic Vulcan:

1. The le-matya is white. 2. The sehlat is black. 3. The le-matya is white but the sehlat is black. 4. The le-matya is big. 5. The sehlat is small. 6. The le-matya is big but the sehlat is small. 7. The sehlat is at the fire and the le-matya is at the door. 8. The fire is big and the door is small. 9. There is heat in the fire. 10. Sonok is big. 11. T'Luki is small. 12. T'Luki and Sonok are working. 13. T'Luki and Sonok are working in the field today. 14. They are busy in the field. 15. You (singular) are tired. 16. You (plural) are busy. 17. Today is wet. 18. T'Luki and Sonok are wet and cold.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 8 -- The Simple Sentence, Part 2**Golic Vulcan - Lesson 8
Gol-Vuhlkansu -- Tupa 8****THE SIMPLE SENTENCE, PART 2
Velik Zhit-Bal - Krus 2**

Vocabulary
Zhit-Feim

Refer to the vocabulary used in Lesson 1.

Notes
Pitohlar

1. Most True Adjectives in Golic Vulcan have two separate forms:
 - a. Combining Form -- which is directly affixed to the modified Noun
 - b. Non-Combining Form -- which is not affixed to the modified Noun

For example:

"Nesh-" is the Combining Form of *black*, whereas "nesh-kur" is the Non-Combining Form.
"Pi" is the Combining Form of *small*, whereas "pi" is the Non-Combining Form.

The student of Golic Vulcan will learn the rules of formation through practice and later lessons.

2. The two forms of adjectives are used differently in Golic Vulcan:
 - a. Combining Adjectives always prefix the modified noun, which alters its meaning, e.g. "sehlat" is the generic term for the animal, whereas "nesh-sehlat" (black sehlat) is a particular species of the sehlat.

Only one Combining Adjective may be attached to most nouns; additional modifiers must be Non-Combining.

b. Non-Combining Adjectives may precede or follow the modified noun. The placement of the adjective before or after the word usually affects the meaning, e.g. "nesh-kur sehlat" can be translated *a black sehlat* or *the black sehlat*, whereas "sehlat nesh-kur" can be translated as *the sehlat is black*.

3. When a noun has a Combining Adjective prefixed, it may have additional Non-Combining Adjectives modifying it. The most important descriptor precedes the affixed noun, while the other adjectives follow it. This has to do with shades of meaning, for example:

"Suk'sehlat nesh-kur" accurately means *the big sehlat which happens to be black*, but

"Nesh-sehlat suk" accurately means *the black sehlat which happens to be big*, and therefore

"Masupik nesh-sehlat suk" means *the wet black sehlat is big*, and

"Suk'nesh-sehlat masupik" means *the big black sehlat is wet*

4. When two or more Non-Combining Adjectives modify a noun, the most important descriptor precedes the noun, while the other adjectives follow it. This has to do with shades of meaning, for example:

"Masupik svep wan-kur" accurately means *the wet door which happens to be white* but would be translated into Federation Standard English as *the white wet door*, and

"Wan-kur svep masupik" accurately means *the white door which happens to be wet* but would be translated into Federation Standard English as *the wet white door*

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Nesh-kur sehlata. 2. Wan-kur teresh-kah. 3. Suk'Sonok. 4. Pi'T'Luki. 5. Masupik isachya. 6. Samek yon. 7. Toranik le-matya. 8. Wan-kur sehlata masupik. 9. Nesh-kur teresh-kah toranik. 10. Samek isachya masupik. 11. Masupik svep nesh-kur. 12. Nesh-kur sehlata na'wan-kur svep. 13. Masupik teresh-kah fi'nesh-kur solai. 14. Sonok heh T'Luki masupik heh samek. 15. Masupik sehlata na'yon heh toranik teresh-kah fi'solai. 16. Sonok heh T'Luki toranik fi'ar'kadan nash-gad fi'masupik solai.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. The black le-matya. 2. The white sehlata. 3. Wet hair. 4. Big Sonok. 5. Little T'Luki. 6. The black door. 7. The busy sehlata. 8. The wet black le-matya. 9. The busy white teresh-kah. 10. The cold hair is wet. 11. The wet door is black. 12. The white sehlata is at the black door. 13. The wet le-matya is in the white field. 14. T'Luki and Sonok are wet and cold. 15. The wet sehlata is at the fire and the cold le-matya is in the field. 16. T'Luki and Sonok are busy at work today in the wet field. 17. The white sehlata and the black teresh-kah are at the door.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 9 -- Weak Verbs**Golic Vulcan - Lesson 9
Gol-Vuhlkansu - Tupa 9****WEAK VERBS
Kobat-Tor-Zhitlar**

New Vocabulary
Uzh-Zhit-Feim

Tor *to do, to make*
 Fulag-tor *to lead*
 Gla-tor *to see*
 Ha-tor *to live*
 Kal-tor *to allow, to let*
 Kras-tor *to paint*
 Kum-tor *to catch*
 Mahr-tor *to buy*
 Min-tor *to glow*
 Nam-tor *to be, to exist*
 Og-tor *to sew*
 Pil-tor *to prepare food*
 Puk-tor *to fight*
 She-tor *to ascend, to go up*
 Tam-tor *to dance*
 Tev-tor *to descend*
 Yahv-tor *to borrow*
 Zahal-tor *to follow*
 Zhu-tor *to hear*

Fna' *through*
 S' *from, out of*

Kin-kur *yellow*
 Os *old*
 Pla-kur *blue*
 Uzh *new*
 Wehk *many*
 Yar-kur *green*
 Yon-kur *red*
 Zam *few*

Dunap *book*
 Fau-yut *road, street*
 Kaiden *stairs*
 Kelek *house*
 Kov *rock, stone*
 Krani *window*
 Sai-vel *clothes*
 Wak-vel *clock*
 Yem-tukh *food*

Yut *path, trail, way*

Notes

Pitohlar

1. Weak verbs are very common in Traditional and Modern Golic Vulcan, and are very simple to use, having the same form for all persons in each tense. In this lesson we will be discussing only the present tense of weak verbs. Later lessons will cover past and future forms of verbs. Below is an example of a present tense weak verb:

Gla-tor = to see

Gla-tor nash-veh gla-tor (lit. sees this one) = I see

Gla-tor du = you (singular) see

Gla-tor ish-veh (lit. sees that one) = he/she/it sees

Gla-tor etek = we see

Gla-tor dular = you (plural) see

Gla-tor au = they see

2. Separate words do exist for "he" (*ish-sa*) and "she" (*ish-ko*), but those words are normally only used in Traditional Golic, in specific ancient rituals and formal literature, and in school. In Modern Golic usage, *ish-veh* is normally used for all genders of the third person singular. Of course, it is never incorrect for the student of Golic Vulcan to use the separate forms when first learning the language but we do not stress it here.

3. Plurals are formed by directly suffixing *lar* to the end of the noun modified. *Lar* is not used following a numbered noun, eg. *Gla-tor nash-veh kau kov*, meaning "I see five stones." Notice that *kov* is not suffixed.

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Mahr-tor Sonok uzh wak-vel. 2. Yahv-tor T'Luki dunap. 3. Og-tor Sonok os sai-vel. 4. Pil-tor T'Luki yem-tukh. 5. She-tor Sonok kaiden hi tev-tor T'Luki kaiden. 6. Fulag-tor suk'sehlat heh zahal-tor pi'sehlat. 7. Kras-tor ish-veh yar-kur svep. 8. Tam-tor nash-veh svi'uzh kelek. 9. Puk-tor yon-kur Sehlat heh pla-kur le-matya. 10. Ha-tor Sonok heh T'Luki svi'pi'kelek svi'suk'solai. 11. Min-tor yon fna'krani svi'suk'kelek fi'fau-yut. 12. Yahv-tor Sonok kin-kur dunaplar s'T'Luki. 13. Nam-tor wehk pla-kur kovlar svi'solai hi zam yon-kur kovlar. 14. Kum-tor yon-kur le-matya os teresh-kah fi'yut. 15. Zahal-tor pi'Sonok os nesh-sehlat fna'masupik solai na'fau-yut. 16. Zhu-tor T'Luki sehlatlar fna'krani fi'yut na'svep.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. T'Luki buys a new clock. 2. Sonok is borrowing the book. 3. T'Luki is sewing the clothes. 4. Sonok is preparing the food. 5. Sonok is descending the stairs but T'Luki is ascending the stairs. 6. The little sehlat is leading and the big sehlat is following. 7. You are painting the red door. 8. We are dancing in the new house. 9. The green le-matya and the yellow sehlat are fighting. 10. Sonok and T'Luki live in the big house in the small field. 11. The fire glows through the window of the little house on the road. 12. T'Luki borrows the blue books from Sonok. 13. There are many red stones in the field but few green stones. 14. The red le-matya catches the old teresh-kah in the field. 15. Sonok hears the le-matyas through the window on the path to the

door. 16. Little T'Luki follows the old white sehlat through the wet field to the road.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 10 -- Irregular Strong Verbs**Golic Vulcan - Lesson 10
Gol-Vuhlkansu - Tupa 10****IRREGULAR STRONG VERBS
Ripakhaik Kari-Tor-Zhitlar**

New Vocabulary
Uzh-Zhit-Feim

Aitlu *to desire*
Estuhl *to touch*
Foshuhl *to shed*
Ip-sut *to hide*
Klacha *to lock*
Lasha *to arrive*
Pstha *to search*
Salur *to blow*
Shei *to scream*
Thanai *to adopt*
Tu'ash *to open*
Vlur *to howl*
Yokul *to eat*

Gahv-kur *purple*
Sahris, Sahr- *fast*
Vohris, Vohr- *slow*

Aluk *fish*
Kan *child*
Kanlar *children*
Ko-kan *girl*
Laptra *forest*
Muzh *pond, pool*
Rasath *weight*
Ravot *insect, bug*
Sa-kan *boy*
Salan *wind*
Sash-savas *a citrus-like fruit*
Yar *grass*

Notes
Pitohlar

1. Irregular Strong Verbs (ISV's) were once very common in Golic Vulcan, but thousands were dropped out of everyday use during the Golic Vulcan language reforms started by Surak. Because of Surak's death, though, the language reforms were not completed and many of these kinds of verbs continue to be used. ISV's are usually the oldest verbs found in Golic Vulcan and/or are words adopted from non-Golic Vulcan languages. Like Weak Verbs, they are very simple to use, having the same form for all persons in each tense. Unlike

Weak Verbs, the ISV's have no pattern in construction -- they may end in a vowel or a consonant. In this lesson we will be discussing only the present tense of ISV's. Later lessons will cover past and future forms of verbs. Below are two examples of present tense ISV's:

Estuhl = to touch

Estuhl nash-veh = I touch

Estuhl du = you (singular) touch

Estuhl ish-veh = he/she/it touches

Estuhl etek = we touch

Estuhl dular = you (plural) touch

Estuhl au = they touch

Pstha = to search

Pstha nash-veh = I search

Pstha tu = you (singular) search

Pstha ish-veh = he/she/it searches

Pstha etek = we search

Pstha tular = you (plural) search

Pstha au = they search

2. In addition to the previously shown meanings of "at", "to" or "towards", the Golic Vulcan prepositional prefix *na'* can be translated as Federation Standard English "for".

3. In Golic Vulcan, most adjectives can be used as adverbs without a change in form. When used as an adverb, the word always follows the verb. This can possibly cause confusion to students, as demonstrated below:

Salur sahris salan -- which the student might assume could mean "the wind is blowing quickly" or "the quick wind is blowing". In this case, though, it can only mean the first choice. Since a "quick wind" is a single thing, "the quick wind is blowing" would be translated as *salur sahr-salan*, using the affixing form of "fast" or "quick".

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Salur salan. 2. Shei le-matya. 3. Vlur sehlat. 4. Yokul ravot yar. 5. Estuhl sa-kan aluk. 6. Klacha ko-kan svep. 7. Aitlu Sonok yokul sash-savas. 8. Aitlu T'Luki foshuhl rasath. 9. Thanai Sonok heh T'Luki sa-kan heh ko-kan. 10. Pstha Sonok laptra na'sehlat. 11. Pstha T'Luki muzh na'aluklar. 12. Tu'ash sa-kan gahv-kur svep. 13. Ip-sut nesh-kur teresh-kah svi'laptra. 14. Lasha kanlar heh sehlat na'yon-kur svep.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. The wind blows. 2. The sehlat howls. 3. The le-matya screams. 4. The girl touches the fish. 5. The boy locks the door. 6. The insect eats the grass. 7. Sonok wants to shed weight. 8. T'Luki wants to eat the sash-savas. 9. T'Luki searches the forest for the sehlat. 10. Sonok searches the pond for fish. 11. Sonok and T'Luki are adopting children. 12. The girl opens the purple door. 13. The white teresh-kah hides in the forest. 14. The children and the sehlat arrive at the green door.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 11 -- Regular Strong Verbs**Golic Vulcan - Lesson 11
Gol-Vuhkansu - Tupa 11****REGULAR STRONG VERBS
Pakhaik Kari-Tor-Zhitlar**

New Vocabulary
Uzh-Zhit-Feim

Betau *to approach*
Danau *to explain*
Fnashtau *to sweep*
Kitau *to write*
Klashau *to guard*
Leipau *to bake*
Nehau *to rot*
The'polau *to sauté*
Tishau *to like*
Vashau *to destroy*
Vravshau *to fail*

Has-bosh *ill, sick*
K'avon *hungry*
Mol-kur *magenta*
Muhl *healthy, well*
Nev-kur *maroon (color)*
Rik'avon *full (no longer hungry)*
Zhai-kur *gray*
Zhar-kur *orange (color)*

Kap *bread*
Lan-tol *floor*
Lof *purpose*
Ne-yartra *meadow*
Nisan *examination, test*
Opilsu *chef*
Sazh *vegetable*
Svai *flower*
Urozh *crops*

Notes
Pitohlar

Regular Strong Verbs (RSV's) are very common in Traditional and Modern Golic Vulcan. Like other Golic verbs, they are very simple to use, having the same form for all persons in present tense. Unlike Weak Verbs and Irregular Strong Verbs, the RSV's have a different ending in simple past tense. In this lesson we will be discussing only the present tense of RSV's. Later lessons will cover past and future forms of verbs. Below is an example of a present tense RSV:

Kitau = to write

Kitau nash-veh = I write

Kitau du = you (singular) write

Kitau ish-veh = he/she/it writes

Kitau etek = we write

Kitau dular = you (plural) write

Kitau au = they write

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Leipau Sonok kap. 2. Fnashtau T'Luki lan-tol. 3. Klashau sehlat pla-kur svep. 4. Danau Sonok lof na'T'Luki. 5. Nehau uroz h svi'solai. 6. Vashau salan svailar svi'ne-yartra. 7. Tishau sa-kan ko-kan. 8. The'polau Opilsu nev-kur sazhlar. 9. Sonok muhl hi T'Luki has-bosh. 10. Vravshau sa-kan nisan. 11. Betau nesh-kur sehlat mol-kur svai svi'ne-yartra. 12. Tishau T'Luki yon-kur heh zhar-kur svailar hi ri nev-kur. 13. Sa-kan k'avon hi ko-kan rik'avon.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. T'Luki bakes the bread. 2. Sonok sweeps the floor. 3. The sehlat guards the green door. 4. T'Luki explains the purpose to Sonok. 5. The crops rot in the field. 6. The girl likes the boy. 7. The wind destroys the flowers in the meadow. 8. The chef is sautéing the orange vegetables. 9. Sonok is sick but T'luki is well. 10. The girl fails the test. 11. The white sehlat approaches the maroon flower in the meadow. 12. T'Luki likes blue and orange flowers but not red. 13. The girl is hungry but the boy is full.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 12 -- Adjectival Forms**Golic Vulcan - Lesson 12
Gol-Vuhlkansu - Tupa 12****ADJECTIVAL FORMS
Rub-Zhit-Shidlar**

This lesson builds on the information in Lesson 8.
The student might find it useful to review that lesson now.

New Vocabulary
Uzh-Zhit-Feim

abrashau *to pick up*
set-tor *to drop*
tev-tor *to fall*
vazgau *to steal*

s' *from*

akansu *an alien*
Andorsu *an Andorian*
Beidzhorsu *a Bajoran*
Beitazedsu *a Betazed*
Deltasu *a Deltan*
ek'zer *gem, jewel*
Ferengi *a Ferengi*
Gornarsu *a Gorn*
Horta *a Horta*
Kardassu *a Cardassian*
kitau-skaf *desk*
kosu *woman*
lan-tol *floor*
Melkotsu *a Melkotian*
natuhn *box*
Raidzhelsu *a Rigellian*
Rihansu *a Romulan*
salasu *a native*
sasu *man*
Tellarsu *a Tellarite*
Terrasu *an Earthling (Terran)*
Tlingansu *a Klingon*
Vuhlkansu *a Vulcan*

See also the chart below

Notes Pitohlar

1. In Traditional and Modern Golic Vulcan, nearly every true adjective has two forms -- *Combining Form* and *Non-Combining Form*. (If you have not already done so, please review the material in Lesson 8 for a basic introduction to adjectives.)
2. The Combining Form of most adjectives is the base root word, although there are a few exceptions to be seen in our large vocabulary lists. This "root" is then prefixed to the noun to modify it.
3. The Non-Combining Form of most adjectives is the base root word, suffixed with the adjectival ending "~ik". These are considered "Regular Adjectives". Of course, many adjectives borrowed from older or other languages do not follow this construction. These are considered "Irregular Adjectives". The student will learn these through study and practice.
4. Adjectives based on verbs ending in "ai" or "au" are nearly always formed by directly suffixing "~k"; for example, "volaik" or "patauk". These are also considered Regular Adjectives.
5. Some Irregular Adjectives have the same spelling for both Combining and Non-Combining Form. The best known of these is "tsuri" (common, regular, usual) and its negative counterpart "ritsuri" (uncommon, irregular, unusual). Of course, the Combining Form is still separated by a punctuation mark.
6. It is the tendency in Golic Vulcan to prefer using the Combining Form whenever possible. Therefore, if the noun is composed of no more than two word segments -- for example, "dal" or "dal-nath" -- then the Combining Form of the adjective is often prefixed to the noun. A Combining Form is *never* prefixed to a trinary word such as "bai-lon-tak", due to the Golic Vulcan word formation rule that prevents such formation. Always use the Non-Combining Form with a trinary word.
7. Golic Vulcan has something called a "State Modifier" which is not considered an adjective by Vulcan grammarians but still modifies a noun or establishes a state or status (hence the name). These are usually a suffixed word, such as "has-bosh" (sick, literally "sickness-full") or "zhu-fam" (deaf, literally "hearing-less"). These words may be affixed with other modifiers but do not affix to the noun.
8. Golic Vulcan also has one other construction that acts as an adjective; this is colloquially called a "With Modifier" but actually has no official grammatical term. Two examples are "k'avon" (hungry, literally "with hunger") and "k'mag" (thirsty, literally "with thirst"). These were once very common in older forms of the Golic Vulcan languages but are not as common in Traditional or Modern Golic. Since these words are already prefixed with a preposition, no other prepositions can be added. To say "with the hungry le-matya", for example, you'd say "k'le-matya k'avon".

In the tables below are some examples of various kinds of adjectives in both forms:

F.S. English	G.V. Combining Form	G.V. Non-Combining Form
acidic	sash-	sashik
aggressive	kres-	kresik
alkaline	sovash-	sovashik
angry	reshen-	reshnek
automatic	shati-	shatik
big, large	suk'	suk
black	nesh-	nesh-kur

blind	---	glan-fam
bricht	uuel-	uuelik

clear	pa'shi-	pa'shik
cold	sam-	samek
common, regular	tsuri-	tsuri
dead	tevi-	tevik
deaf	---	zhu-fam
dishonest	ritrau-	ritrau
dishonorable	ridor-	ridorli
easy, simple	veli-	velik
fast	sahr-	sahris
fat	thel-	thelik
foreign	---	k'shatri
frequent	vakav-	vakav
general	pa'es-	paik
good	rom-	rom
harmful	---	klau-bosh
healthy	---	muhl-bosh
heavy	ras-	ras
honest	trau-	trau
honorable	dor-	dorli
hot	fal-	fal
hungry	---	k'avon
ill, sick	---	has-bosh
jealous	kis-	kis-ka
little, small	pi'	pi
long	wu-	wu
mature	vin-	vinik
medical	has-	hasuk
microscopic	numo-	numo
modern	iyi-	iyik
mutant	tset-	tsetlik
native	sala-	salatik
natural	malat-	malatik
next	thurai-	thurai
obese	thel'an-	thel'anik
old-fashioned	---	vesh-nartauk
original	tvesh-	tveshik

peaceful	---	sochya-bosh
possible	---	tor-vehat
pretty	takov-	takov
quiet	hizh-	hizhuk
radioactive	---	galu-sayuk
right, correct	yeht-	yeht
same	ka-	ka
short	pen-	pen
silent	---	ralash-fam
slow	vohr-	vohris
static	vit-	vitik
tall	---	ha-vol
tame	fnau-	fnau
telepathic	---	irak-nahik
thick	bali-	bali
thirsty	---	k'mag
tired	zungri-	zungor
traditional	ba-	baik
ugly	watosh-	watosh
united	---	kaunshuk
useless	---	is-fam
violent	khrash-	khrashik
white	wan-	wan-kur

Exercise 1
Tusok 1

Translate the following into Federation Standard English:

1. Tlingansu khrashik hi Deltasu sochya-bosh. 2. Zhai-sehlatlar fnau hi le-matyalar kresik. 3. Ferengi ritrau hi Vuhlkansu trau. 4. Raidzhelsu k'avon heh k'mag. 5. Nesh-sehlat heh pla-kushel pi eh hizhuk. 6. Shitau Sonok ras-dunap fi'suk'pasu. 7. Dvin-tor T'Luki yar-sazhlar heh zhar-savaslar. 8. Abrashau reshnek Kardassu pi'natuhn s'kitau-skaf. 9. Tev-tor wu-lipau fi'lan-tol. 10. Set-tor Rihansu suk'snauk fi'yar-pasu. 11. Vazgau ridorli Tellarsu ek'zerler t'etek s'pi'kitau-skaf. 12. Ha-vol Beitazedsu glan-fam heh pen Vuhlkansu zhu-fam.

Exercise 2
Tusok 2

Translate the following into Golic Vulcan:

1. The Rigellian is violent but the Horta is peaceful. 2. The black sehlat's are tame but the le-matyas are

aggressive. 3. The Ferengi is dishonest but the Earthling is honest. 4. The Klingon is hungry and thirsty. 5. The grey sehlat and the blackbird are small and quiet. 6. T'Luki puts the heavy book on the small table. 7. The angry Andorian picks up the large box from the desk. 8. Sonok serves orange vegetables and blue fruits. 9. The long spoon falls on the floor. 10. The Romulan drops the large fork on the blue table. 11. The dishonorable Gorn steals our jewels from the big desk. 12. The tall Vulcan is blind and the short Betazed is deaf.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 13 -- Possession**Golic Vulcan - Lesson 13
Gol-Vuhlkansu - Tupa 13****POSSESSION
Mat**

New Vocabulary
Uzh-Zhit-Feim

Ma *to own, to possess*
Nem-tor *to take*
Ritishau *to dislike*
Stau *to kill*
Yahv-tor *to borrow*
Zakar-tor *to damage*

Ka vah *(the) same as*

Bar-kas *spice*
Dukal *ball*
Dva *belief*
Kluf *boot*
Sahriv *storm*
Shur t'plomik *plomeek soup*
Yarmok *salad*

Notes
Pitohlar

1. Denoting possession in Traditional and Modern Golic Vulcan is very easy; it closely follows the pattern of many of the Romance languages on Earth, such as French, Italian or Spanish. Instead of using the Federation Standard English form of an apostrophe and an "s", Golic Vulcan uses the prepositional prefix "t'" (of). Also, remember that the item *always* precedes the owner in possession. Therefore, "Sonok's ball" would be translated "dukal t'Sonok" (literally "the ball of Sonok").

2. Personal possession is based on the personal pronouns, using the same rule as above. Therefore, "The le-matya is eating my ball and your book" would be translated "Yokul le-matya dukal t'nash-veh heh dunap t'du" (literally "Eats the le-matya the ball of me and the book of you"). Refer to the table below for reference.

F.S. English	Golic Vulcan
my/mine	t'nash-veh
your/yours (singular)	t'du
his	t'sa-veh <i>or</i> t'ish-veh
her/hers	t'ko-veh <i>or</i> t'ish-veh
its	t'ish-veh

our/ours	t'etek
vour/vours (plural)	t'dular
their/theirs	t'au

3. Above you will notice there are two forms for "his" and "her(s)". This is related to the two forms for the corresponding personal pronouns. In Golic Vulcan "everyday" usage, "ish-veh" and its corresponding "t'ish-veh" are usually used for all forms of the the third person singular. If it is necessary for clarity or you wish to use more formal usage, then use the gender specific terms. In these lessons we will use "t'sa-veh" and "t'ko-veh" to benefit the new student.

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. You are eating my salad. 2. The girl takes his ball. 3. The boy takes her book. 4. Sonok likes bread with T'Luki's plomeek soup. 5. The sehlat is eating her flowers. 6. T'Luki dislikes the spice in Sonok's plomeek soup. 7. The storm is damaging the crops in our field but not his. 8. The le-matya is killing our sehlat. 9. T'Luki is borrowing Sonok's black boots. 10. My beliefs are not the same as yours.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. Yokul nash-veh yarmok t'du. 2. Nem-tor sa-kan dukal t'ko-veh. 3. Nem-tor ko-kan dunap t'sa-veh. 4. Tishau T'Luki kap k'shur t'plomik t'Sonok. 5. Yokul le-matya svailar t'ko-veh. 6. Ritishau Sonok bar-kas svi'shur t'plomik t'T'Luki. 7. Zakar-tor sahriv uroz h svi'solai t'sa-veh hi ri t'etek. 8. Stau le-matya sehlat t'dular. 9. Yahv-tor Sonok khav-kur klufar t'T'Luki. 10. Nam-tor dvalar t'du ri ka vah t'au.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 14 -- Use of Numbers in Sentences**Golic Vulcan - Lesson 14
Gol-Vuhlkansu - Tupa 14****THE USE OF NUMBERS IN SENTENCES****Is t'Su'uslar svi'Zhit-Ballar**New Vocabulary
Uzh-Zhit-FeimDvin-tor *to serve*
Fas-tor *to cook*
Nesh-tor *to cut*
Shitau *to place, to put*Natya *different*Floku *spoon*
Ha'fek *candle(stick)*
Ko-telsu *wife*
Krus *piece*
Ku-san *chair*
Lipau *knife*
Math *plate*
Monek *cup*
Mu'yor *night*
Nef *shelf*
Pasu *table*
Ru'lut-sai *napkin*
Sa-telsu *husband*
Snauk *fork*
Yel *star*
Yerak *bowl*

Also refer the the number tables in Lesson 5.

Notes
Pitohlar

1. As noted in an earlier lesson, simple plurals are created by directly suffixing "lar" to nouns. When using a number with a noun to signify quantity, though, "lar" is *never* used, since it is considered redundant. For example, "dunaplar" (books) but "reh dunap" (three books). Remember to use the Enumerating Form of numbers when signifying how much of an item there is.

2. Ordinal numbers precede the noun modified if there are no other adjectives. If there are other adjectives attached to the noun, then the order of the words determines shades of meaning. For example, "dah'rak sehlat nesh-kur" (the second sehlat is black) vs. "nesh-kur sehlat dah'rak" (the black sehlat is second).

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Here are five plates. 2. She has three forks. 3. You own seven candles. 4. Sonok puts four knives and one napkin on the table. 5. T'Luki puts twelve cups and nine spoons on the shelf. 6. We see seven teresh-kahs in the field. 7. Three le-matyas are killing our sehlat. 8. The boy cuts four pieces of bread. 9. The girl serves eight bowls of plomeek soup. 10. The chef cooks six different vegetables. 11. I see the first star of the night. 12. T'Luki is my second wife. 13. Sonok is my third husband. 14. The fifth sehlat is brown but the sixth is black.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. La leh math. 2. Ma ko-veh reh snauk. 3. Ma tu kau ha'fek. 4. Shitau T'Luki nau lipau eh dah ru'lut-sai fi'nef. 5. Shitau Sonok leh-wuh monek heh sheh floku fi'pasu. 6. Gla-tor au leh-kau teresh-kah svi'solai. 7. Stau oh le-matya sehlatlar t'etek. 8. Nesh-tor ko-kan reh krus t'kap. 9. Dvin-tor sa-kan keh yerak t'shur t'plomik. 10. Fas-tor opilsu steh natya sazh. 11. Gla-tor etek wuh'rak yel t'mu'yor. 12. Nam-tor T'Luki reh'rak ko-telsu t'nash-veh. 13. Nam-tor Sonok dah'rak sa-telsu t'nash-veh. 14. Steh'rak sehlat nesh-kur hi oh'rak khav-kur.

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 15 -- Interrogatives**Golic Vulcan - Lesson 15
Gol-Vuhlkansu - Tupa 15****INTERROGATIVES
Deshkaun-Zhitlar**

New Vocabulary
Uzh-Zhit-Feim

If *which?*
Lu *when?*
Po *why?*
Ra *what?*
t'Vi *whose?*
Uf *how?*
Uf mau *how much?*
Uf wehk *how many?*
Vi *who?*
Wilat *where?*

Tab-ma *late*
Va'ashiv *again*
Weh-rasahkos *worse*
Weh-rom *better*

Ash'ai *sock*
Ash'el *shoe*
Kahm *meat*
Ko-mekh *mother*
Malanu *pants*
Patam-sai *cap, hat*
Pelal *robe*
Sa-mekh *father*
San-zhel *belt*
Sav'el *shirt*
To-pal *coat*
To-sai *cloak*
Wak *time*

Notes
Pitohlar

1. A large percentage of Earth languages use some sort of "question mark" or other punctuation device to demonstrate that the sentence is a question. None of the Golic Vulcan languages uses a question mark, so it is not quickly obvious to the student of an Earth language that a sentence is a question. Most questions are formed simply by the use of an interrogative word at the end of the sentence. For example, "Kluflar t'nash-veh wilat" means "Where are my boots?" (literally "Boots of mine where?"). The question word is often spoken with a rising tone.

2. So-called "yes-no" questions are handled differently. The word normally used for "yes" is placed at the end of the question and pronounced with a rising tone. For example, "Olau tu has-bosh ha" means "Are you feeling ill?" (literally "Feel you ill yes?"). Speakers of Federation Standard English might find it easier to remember this structure by recalling the similar sounding "huh?" often used in informal speech.

3. If the tone of the question is quiet or normal, the sentence ends with an ek'pehkaya (full-stop) which is like a period. If the tone of the question is excited or loud, the sentence ends with a dah-pehkaya (double-stop) which is like an exclamation point. These rules apply to all questions. Speakers of Federation Standard English may initially find it strange to see a period or exclamation mark at the end of a question, but familiarity will come quickly through practice.

4. Sentence constructions for some questions will seem awkward to the student at first, due to the differences in grammar and word usage between the languages. For example, to ask "How hot is it?" you actually need to ask "Is heat how much?" ("Nam-tor falek uf mau.") or "How are you?" would be "Feel you how?" ("Olau tu uf."), etc.

Exercise 1 Tusok 1

Translate the following into Federation Standard English:

1. To-pal t'du wilat. 2. Sehlatlal t'nash-veh wilat. 3. Ma malanu t'sa-veh vi. 4. Tishau ko-veh pelal if. 5. Tishau weh-rom ash'ailar if. 6. Shitau T'Luki moneklar wilat. 7. Gla-tor du dunap t'Sonok ha. 8. Ma sa-kan heh ko-kan san-zhellar ha. 9. Yokul kosu yarmok ha. 10. Yokul sasu kahm ha. 11. Nam-tor wak ra. 12. Lasha sa-mekh t'du lu. 13. Nam-tor du tab-ma va'ashiv po.

Exercise 2 Tusok 2

Translate the following into Golic Vulcan:

1. Where is my coat? 2. Where are your sehlat? 3. Who has my pants? 4. Which robe do you like? 5. Which socks do you like better? 6. Where does Sonok put the cups? 7. Do you see T'Luki's book? 8. Do the boy and girl have coats? 9. Does the man eat salad? 10. Does the woman eat meat? 11. What time is it? 12. When does your mother arrive? 13. Why are they late again?

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 16 -- Verbs - Past Tense Forms**Golic Vulcan - Lesson 16
Gol-Vuhlkansu - Tupa 16****VERBS: PAST TENSE FORMS
Tor-Zhitlar - Vesh-Wis-Shidlar**

This lesson covers Simple Past Tense
and Perfect Past Tense verb forms.

New Vocabulary
Uzh-Zhit-Feim

Hal-tor *to go*
Halovau *to travel, to journey*
Hash-tor *to fly*
Klepovau *to shop*
Nashiv-tor *to attack*
Stron-tor *to escape*
Tal-tor *to find*
Yaretau *to visit*

Vi' *into*

K'ashiv *often*
Wuh'rak *first*

Aru-yem *dinner*
Asal-yem *breakfast*
Eshikh *desert*
Ha'gel *light*
Kahr *town*
Khi-gad-yem *lunch*
Khru *evening*
Klachek *lock*
Kraisek *cage*
Shan-hali *shuttle*
Stukh (*outer*) *space*
Tal-muv *key*
Tomasu *relative*

Notes
Pitohlar

1. To form the Simple Past Tense, Weak Verbs and Irregular Strong Verbs are simply preceded by the word "vesht". For example, "vesht gla-tor au", meaning "they saw" (literally "past see they"). Regular Strong Verbs, for example "tishau", are *never* preceded by "vesht" to form the Simple Past Tense. The final letter is changed from "u" to "l", thus "tishau tu" ("you like") and "tishal du" ("you liked").

2. To form the Perfect Past Tense, the participial prefix "ki" is directly attached to the verb. For Weak Verbs and Irregular Strong Verbs the "vesht" is dropped before attaching the prefix; for Regular Strong Verbs the prefix is attached to the Simple Past Tense form of the verb. For example, "ki'gla-tor du" ("you have seen") and "ki'tishal etek" ("we have liked").

3. To ask a question such as "Did you see the book?" you would use Simple Past Tense as the base. It would literally be rendered as "Saw you the book?" ("Vesht gla-tor du dunap ha").

4. To ask a question such as "Have you seen the ball?" you would use Perfect Past Tense as the base. It would literally be rendered as "Have seen you the ball?" ("Ki'gla-tor du dukal ha").

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Vesht gla-tor etek ha'gel. 2. Vesht nem-tor T'Luki yon-kur dunap. 3. Vesht yokul Sonok yarmok. 4. Vesht stron-tor kushel s'kraisek. 5. Vesht nashiv-tor le-matyalar kuht t'sehlat t'au. 6. Vesht tal-tor ko-kan tal-muv heh klachek fi'pasu. 7. Vesht fas-tor sa-kan khi-gad-yem heh leipau kap. 8. Ki'gla-tor dular yellar. 9. Ki'hal-tor Sonok na'kahr. 10. Vesht hash-tor T'Luki shan-hali vi'stukh. 11. Ki'haloval au k'ashiv na'Shi'Kahr klepovau. 12. Ki'yaretal tomasular t'du eshikh. 13. Ki'yokul du aru-yem ha. 14. Vesht gla-tor au wuh'rak yel t'khru ha.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. I saw the light. 2. Sonok took the brown book. 3. T'Luki ate the salad. 4. The bird escaped from the cage. 5. The le-matya attacked our herd of sehlat. 6. The boy found the key and lock on the table. 7. The girl cooked dinner and baked bread. 8. We have seen the stars. 9. T'Luki has gone to town. 10. Sonok flew the shuttle into space. 11. We have often traveled to Shi'Kahr to shop. 12. Our relatives have visited the desert. 13. Have they eaten breakfast? 14. Did you see the first star of the evening?

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 17 -- Verbs - Simple Future Tense**Golic Vulcan - Lesson 17
Gol-Vuhlkansu - Tupa 17****VERBS: SIMPLE FUTURE TENSE
Tor-Zhitlar - Nenek Fa-Wak-Wis**

This lesson covers constructions using "Will"

New Vocabulary
Uzh-Zhit-Feim

Refer to the previous lesson and established vocabulary.

Notes
Pitohlar

1. In Traditional Golic Vulcan, Simple Future Tense is formed by preceding the verb to be modified with the helper word "fa-wak" ("future"). For example, "fa-wak pehkau", meaning "will stop" (literally "future to stop"). Fa-wak is *never* affixed to a word.

2. In Modern Golic Vulcan, Simple Future Tense is formed by preceding the verb to be modified with the helper word "dung". "Dung" is not affixed to Weak Verbs, for example, "dung kal-tor"; but it is affixed to both kinds of Strong Verbs, for example, "dung-palikau". This is an ancient grammatical rule in normal sentence order.

2. For shades of meaning or emphasis, the sentence order of Future Tense constructions can change. For example: "Dung-trasha etek", meaning "They will leave" (normal sentence order); but if you want to emphasize that "they" and not someone else is leaving, then the sentence would be "Dung etek trasha", meaning "*They* will leave".

3. Where students of Golic Vulcan may have confusion in Future Tense usage, though, is when the sentence is a question and a questioning word is not used. Unlike Present Tense and Past Tense, the terminal questioning word "ha" is not used in Future Tense. Since there is no question mark in Vulcan, a Future Tense sentence can look like a statement or a question. For example: "Dung tu sahrapel" can mean "*You* will trust" or "Will *you* trust?" In written form, the student will have to go by context; in pronunciation, though, the tone of the last syllable in the final word is raised in the question only. Of course, questions with questioning words will not be confusing. For example: "Dung hal-tor du wilat" ("Where will you go?")

Exercise 1
Tusok 1

Translate the following into Federation Standard English:

1. Dung gla-tor etek ha'gel. 2. Dung nem-tor T'Luki yon-kur dunap. 3. Dung yokul Sonok yarmok. 4. Dung stron-tor kushel s'kraisek. 5. Dung nashiv-tor le-matyalar kuht t'sehlat t'au. 6. Dung tal-tor ko-kan tal-muv heh klachek fi'pasu. 7. Dung fas-tor sa-kan khi-gad-yem heh leipau kap. 8. Dung hal-tor Sonok na'kahr. 9. Dung hash-tor T'Luki shan-hali vi'stukh. 10. Dung halovau au na'Shi'Kahr klepovau. 11. Dung yaretau

tomasular t'du eshikh. 12. Dungi-yokul du aru-yem. 13. Dungi gla-tor au wuh'rak yel t'khru wilat.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. I will see the light. 2. Sonok will take the brown book. 3. T'Luki will eat the salad. 4. The bird will escape from the cage. 5. The le-matyas will attack our herd of sehlat. 6. The boy will find the key and lock on the table. 7. The girl will cook dinner and bake bread. 8. Will T'Luki go to town? 9. Sonok will fly the shuttle into space. 10. We will travel to Shi'Kahr to shop. 11. Our relatives will visit the desert. 12. Will they eat breakfast? 13. Where will you see the first star of the evening?

The student is encouraged to learn further by making new sentences based on words from the large vocabulary lists.

Lesson 18 -- Verbs - Advanced Forms**Golic Vulcan - Lesson 18
Gol-Vuhlkansu - Tupa 18****VERBS: ADVANCED FORMS
Tor-Zhitlar - Stor-Shidlar**

This lesson covers sentences with
"able to", "could have" and "would have" verb forms.

Vocabulary

Zhit-Feim

(May include repeats from earlier lessons)

Dvel-tor *to choose*

Hash-tor *to fly*

Ip-sut *to hide*

Kum-tor *to catch*

Mahal-tor *to swim*

Mavau *to play*

Tam-tor *to dance*

Uralau *to sing*

Yetur *to drive*

Yokul *to eat*

Ek'gad *all day*

Ek'mu'yor *all night*

Kuv *if*

Ten-mal *early*

Tor-yehat *possible*

Vohris *slow*

Wuh'ashiv *another*

Dzharel *"jarel", a pony-like horned animal*

Eshikh *desert*

Ha-kel *home*

Kahr *town*

Kanu *children (TGV)*

Kanlar *children (MGV)*

Mor-gril *a wolverine-like animal*

Ralash-tanaf *music*

Wak *time*

Notes

Pitohlar

1. This is an example of a verb using the form equivalent to "able to":
Kitau = to write

Kup kitau nash-veh = I am able to write
 Kup kitau du = you (singular) are able to write
 Kup kitau ish-veh = he/she/it is able to write
 Kup kitau etek = we are able to write
 Kup kitau dular = you (plural) are able to write
 Kup kitau au = they are able to write

2. This is an example of the same verb using the form equivalent to "could have":

Kupi ki'kital nash-veh = I could have written
 Kupi ki'kital du = you (singular) could have written
 Kupi ki'kital ish-veh = he/she/it could have written
 Kupi ki'kital etek = we could have written
 Kupi ki'kital dular = you (plural) could have written
 Kupi ki'kital au = they could have written

3. This is an example of the same verb using the form equivalent to "would have":

Vesht dungi ki'kital nash-veh = I would have written
 Vesht dungi ki'kital du = you (singular) would have written
 Vesht dungi ki'kital ish-veh = he/she/it would have written
 Vesht dungi ki'kital etek = we would have written
 Vesht dungi ki'kital dular = you (plural) would have written
 Vesht dungi ki'kital au = they would have written

4. When a subjunctive is created with "if" ("kuv") and these verb forms, the verbs following the "if" remain in present tense form, since the sentence is already set to tense by the earlier verb. Also, if the subject is the same, it is not repeated. For example, "Vesht dungi ki'kital du kuv ma wak" literally means "You would have written if have time" but means "You would have written if you had time."

Exercise 1

Tusok 1

Translate the following into Federation Standard English:

1. Kup uralau du. 2. Kup hash-tor nash-veh. 3. Kup mahal-tor etek ha. 4. Kup mavau Sonok heh T'Luki ralash-tanaf. 5. Kup ip-sut dzharel svi'eshikh. 6. Kupi ki'yetur nash-veh. 7. Kupi ki'sarlah kanlar t'dular na'ha-kel. 8. Kupi ki'dvel-tor au wuh'ashiv dunap ha. 9. Kupi ki'tam-tor Kardassu ek'gad. 10. Vesht dungi ki'kitau ish-veh kuv ma wak. 11. Vesht dungi ki'yokul ten-mal Sonok kuv tor-yehat. 12. Vesht dungi ki'kum-tor mor-gril etek kuv vohris.

Exercise 2

Tusok 2

Translate the following into Golic Vulcan:

1. I am able to sing. 2. You are able to fly. 3. Are they able to swim? 4. Sonok and T'Luki are able to dance. 5. The sehlat is able to hide in the desert. 6. We could have driven to town. 7. Our children could have come home. 8. Could we have chosen another book? 9. The Ferengi could have danced all night. 10. I would have written if I had time. 11. T'Luki would have eaten early if possible. 12. The le-matya would have caught us if we were slow.

The student is encouraged to learn further by making new sentences based on words from the dictionaries.

Lesson 19 -- Honorifics**Golic Vulcan - Lesson 19
Gol-Vuhlkansu - Tupa 19****HONORIFICS
Dorlanlar**

Example Vocabulary
Li-Falik Zhit-Feim

Oekon *God, the Supreme Being (ekon = a god)*
Ofereiksu *the Creator (fereiksu = creator, inventor)*
Oko-mekh *mother (when addressed, literally "honored mother")*
Opilsu *chef (pilsu = cook, food preparer)*
Osa-mekh *father (when addressed, literally "honored father")*
Osavensu *teacher (literally "honored teacher", as a token of respect)*
Osu *sir, madam (as in a title, literally "honored person")*
Oveh *sir, madam (when addressed, literally "honored one")*

Onash-veh *me (when spoken by a superior about themselves, literally "honored this-one")*
Odu *you (to a superior or honored person, literally "honored you")*
Oish-veh *he, she (about a superior or honored person, literally "honored that-one")*
Oetwel *we, us (when spoken by superiors about themselves, literally "honored we/us")*
Odular *you (to superiors or honored persons, literally "honored you-plural")*
Oau *they, them (about superiors or honored persons, literally "honored they/them")*

Notes
Pitohlar

The use of "honorifics" is very common in all the Vulcan languages, including the Golic languages. This is to be expected in a culture that puts great emphasis on honoring elders, philosophers, teachers and superiors of any kind. This can be traced back into the dim past of Vulcan when the planet had classes that were strongly stratified. Indeed, life on Vulcan in some subcultures was once divided into a social system somewhat reminiscent of the caste system of India on Earth. Each social strata would use forms of words more formal or honorific when addressing or referring to those in a more superior position. This discussion will also be continued in the following, complementary lesson on modes of speech.

In Golic Vulcan, there are a number of examples of one word used for normal usage and a variant used when addressing or referring to something or someone "honored" or "greatly admired". Also, people in a higher status may use words that people in a lower status do not. These types of words will be addressed in the next lesson.

In addition, the prefix "o" -- which has no exact FSE translation but "honorable" is considered closest in meaning -- is directly affixed to the word it modifies. Examples: "Osu", literally "honored person", but usually translated as "sir" or "madam", depending on the context; and "osavensu" (honored teacher), which is nearly always used in preference over "savensu" (teacher). Almost any noun can be prefixed this way, but some words could be taken as sarcastic or insulting if made into an "honorific". For example, "Oguhsh-masu", literally "honored sewage".

Children of a family or clan almost always use the honorific form of "father" or "mother", etc., when

addressing their elders. Thus, "osa-mekh" (honored father) instead of "sa-mekh" and "oko-mekh" (honored mother) instead of "ko-mekh".

Also, linked to honor, the prefix "o" can mean an upgrade in status for a word, for example, "pilsu" (cook, food preparer) but "opilsu" (chef), or "hashsu" (pilot) but "ohashsu" (ace, expert pilot).

Despite potential spelling or pronunciation confusion, "o" is always directly affixed to a word whether it begins with a consonant or vowel sound. An "honorific" word is the only time you will possibly see a Golic Vulcan word start with three vowels.

There are no exercises for this lesson.

The student is encouraged to experiment creating honorifics from words in the large vocabulary lists.

Lesson 20 -- Imperatives**Golic Vulcan - Lesson 20
Gol-Vuhlkansu - Tupa 20**

This lesson has to do with the formation of imperatives in Golic Vulcan. Imperatives are the forms of words used when commanding someone or something to do a specific action. Examples: "Stay!" "Sit!" "Roll Over!" "Answer!" As with many other parts of Golic Vulcan speech, there is a normal form used with most people, such as equals, friends, children, people in an inferior position in rank or status, a pet, etc.; and an honorific form used with a superior, a parent, a teacher or other honored person.

Notes**Pitohlar**

Normal imperatives are formed by suffixing " 'uh " to a combining form of the verb. Honorific imperatives are formed by suffixing " 'voh " to a combining form of the verb.

Weak Verbs, as we have shown earlier, are any verbs that end in " -tor ", such as kal-tor (to allow, to let). The root of kal-tor is "kal". Adding the imperative suffixes, you get "kal'uh" (normal) and "kal'voh" (honorific). Examples of use are: "Kal'uh nash-veh.." and its counterpart "Kal'voh nash-veh.." meaning "Let me!"

Regular Strong Verbs are any verbs that that end in " au ", such as vashau (to destroy). You would assume that to form the imperative, you would drop the " au " and suffix it, but this causes a potential confusion in meaning, since there could be verbs like "vashau" and "vash-tor" that might mean something different, thus the roots would not be able to be used identically. In order to not confuse the meaning of words, regular strong verbs drop only the final " u " before adding the imperative suffixes. "Vashau" becomes "vasha'uh" and "vasha'voh". Examples of use are: "Vasha'uh yel-hali t'nemut.." and "Vasha'voh yel-hali t'nemut.." meaning "Destroy the enemy starship!"

Irregular Strong Verbs are any verbs that do not end in " -tor " or " au ", such as tu'ash (to open). The imperative suffixes are added directly to the end of irregular strong verbs, thus you get "tu'ash'uh" (normal) and "tu'ash'voh" (honorific). Examples of use are: "Tu'ash'uh svep.." and its counterpart "Tu'ash'voh svep.." meaning "Open the door!"

There are no exercises for this lesson.

The student is encouraged to experiment creating imperatives from words in the large vocabulary lists.

Lesson 21 -- Dependent Clauses

And

Lesson 22 -- Complex Sentences

are coming soon – check the Vulcan Language Institute website
at www.vulcanlanguage.com for updates and more information.

Vulcan Culture

The Vulcans have a very rich and diverse culture deeply rooted in ancient tradition and beliefs. Many important events in the lives of Vulcans have a ceremony or ritual attached to it. Although all Vulcans do not follow every one of the ancient ways, the vast majority of Vulcans find great comfort and logic in the stability afforded by old traditions, many of which actually date back before the time of Surak. Even those Vulcan offshoots, the Romulans, retain a few odds and ends of the traditions of their long-abandoned original homeworld.

Philosophy and Teachings of Surak

Ven-dol-tar heh Saven-don-tak t'Surak

The sayings, wisdom and teachings of Surak, and those attributed to him after his death, play an extremely important part in Vulcan culture and society. Although all Vulcans do not follow his teachings in the same manner and some have even rejected his teachings, the vast majority of Vulcans revere Surak above all other Vulcans past or present. It is unlikely this will ever change as long as an advanced culture lives on T'Khasi. Recent information has shown that selected items from Surak's teachings, approved by the government, are even taught in Romulan society!

One of the most important philosophies to come from Surak's teachings was the concept of IDIC (Infinite Diversity in Infinite Combinations) or Va'Vuhnaya s'Va'Terishlar in Traditional Golic Vulcan. Most followers of the teachings of Surak are believers of this concept. As recognition of that fact, these adherents will wear or display the famous IDIC symbol designed by Surak. Many non-Vulcans have adopted this belief and the symbol as well.



EXAMPLES OF SURAK'S TEACHINGS

Li-fallar t'saven-don-tak t'Surak

>Dakh pthak. Nam-tor ri ret na'fan-kitok fa tu dakh pthak<.

Cast out fear. There is no room for anything else until you cast out fear.

>Vah mau vah tor-yehat ri stau. Kup-fun-tor ha'kiv na'ish du stau? Dom nam-tor vohris nem-tor ha'kiv<.

As far as possible, do not kill. Can you return life to what you kill? Then be slow to take life.

>Ma etek natyan — teretuhr lau etek shetau weh-lo'uk do tum t'on<.

We have differences. May we, together, become greater than the sum of both of us.

>Nam-tor ri thrap wilat nem-tor rim<.

There is no offense where none is taken.

>Shiyau thol'es k'thorai ri k'ahm<.

Nobility lies in action not in name.

>Tilek svi'khaf-spol t'vathu - tilek svi'sha'veh<.

The spear in the other's heart is the spear in your own.

>Variben veh sochya kuv nam-tor vah goh yut ha-tor<.

He talks peace if it is the only way to live.

>Ri klau au ik klau tu. Nufau au sochya - yi dungi ma tu sochya<.

Do no harm to those that harm you. Offer them peace, then you will have peace.

>Ri vath kau eh ri vath rok nam-tor na'etek hi etek kau-tor<.

There is no other wisdom and no other hope for us but that we grow wise.

>Pulau na'vathular k'nuhk. Nar-tor pulaya s'au k'ka'es - k'el'rular tun-bosh<.

Reach out to others courteously. Accept their reaching in the same way, with careful hands.

>Nam-tor wak vah yut s'vesht na'fa'wak heh pla'rak. I'wak mesukh-yut t'on<.

Time is a path from the past to the future and back again. The present is the crossroads of both.

>Eik-veshtaya to'ovau kau - lu veshtaya ri glazhau goh na'kastorilaya t'kashan<.

Wide experience increases wisdom, provided the experience is not sought purely for the stimulation of sensation.

>Spunau bolayalar t'Vehku bolayalar t'Zamu il t'Veh<.

The needs of the many outweigh the needs of the few or the one.

T'PLANA-HATH'S STATEMENT ON LOGIC

Star-Krus na'Olozhika T'Plana-Hath

Nam-tor Olozhika kluterek t'sha'sutenivaya - k'ish she-tor etek s'nezhak - isan utvau vah sha'kakhartayek.

Logic is the cement of our civilization with which we ascend from chaos, using reason as our guide.

Vulcan Disciplines and Religions

Nahrlar heh Odvalar Vuhkansu

(This is not a comprehensive guide and is meant only as an introduction.)

Disciplines

Ahkhinahr -- ancient training to become a battlefield psionic warrior
 Dwemish ni-an -- training: "isolation of identity"
 Enok-kal fi-lar -- training: processes of definition
 Eshak -- "eschak", destructive psychokinetic effects
 Fal-tor-pan -- refusal of body and *katra*
 Foshinahr -- ancient training to become a defensive psionic warrior
 Ikapirak -- meditation: "closed posture"
 Ke-ta-yatar -- ancient fighting style designed to kill
 Ke-tarya -- an ancient fighting style
 Koh-nar -- "k'oh-nar", the feeling of being completely exposed in some manner
 Kohl -- an emotion-purging mind-exercise
 Kohl-tor -- to meditate (Vulcan-style)
 Kolinahr -- rigorous training program at Gol to purge oneself of all emotions
 Loshirak -- meditation: "open posture"
 Nahr -- discipline
 Nashinahr -- ancient training to become an offensive psionic warrior
 Ni-prazh -- stoic, displaying no emotion(s)
 Olozhika -- logic
 Orensu -- student, pupil
 Pid-trensu -- high master
 Pihlora -- "pyllora", counselor, guide (anc.)
 Psthan -- search, quest, hunt
 Pthak -- fear, phobia
 Savensu -- teacher
 Sele-an-t'li -- secondary level of adult discipline (anc.)
 Shaukaush -- passion(s)
 Shaula -- self-control, reason(ing)
 Sochya -- peace
 T'san s'at -- a process of eliminating emotions (anc.)
 Ta'a -- "taal", traditional Vulcan hand salute
 Tal t'li -- first meditation of adult training
 Tehrai -- goal
 Tela'at -- elder (title of respect for advanced age Kolinahru)
 Tren'es -- mastery
 Trensus -- master
 Tu-lan -- Vulcan breathing exercise
 Tvi-sochya -- inner peace
 Vedrah prah -- acceptance and negation of pain and discomfort (anc.)
 Venlinahr -- normal state of adult discipline

Religion:

Ap-Lau -- a place of eternal peace, "heaven" (anc.)
Bogozh -- a place of eternal punishment, "hell" (anc.)
Dva -- belief
Dvatai -- doctrine, principle, tenet
E'shua -- demon
Eglus -- religious shrine (anc.)
Fa-wak-glansu -- prophet
Faul -- sacred stone (anc.)
Gol'nevsu -- acolyte, helper
Ha'su -- angel, "one of light"
Hamlan -- "The Great Oasis", a concept of paradise
Katra -- the living essence of a Vulcan, a combination of soul & memory
Kator-dva -- spirituality
Korsovaya -- salvation
Odva -- religion
Oekon -- God, The Supreme Being
Ofereiksu -- The Creator (ie, God)
Osu -- holy person, saint
Ozhit -- "The Word", holy scriptures
Reldai -- female religious leader, ruler or princess (anc.)
Ri-fainu -- the Unknown
Sha-ka-ri -- mythical source of creation (anc.)
Tam'a -- ghost, spirit (anc.)
Trufemu -- martyr
Ven-dol-tar -- philosophy (anc.)

Vulcan Rituals and Ceremonies

Ho-Rahlar heh Van-Kallar Vuhkansu

KAN-TELAN **Child Bonding**

One of the oldest surviving Vulcan traditions is the bonding of children when they are at least seven years old. Although the vast majority of Vulcans were bonded this way in the past, more and more families in modern times are choosing to forego this tradition and let their children bond with a person of their choice as adults. It is predicted that the child bonding tradition may completely disappear in less than two hundred years on T'Khasi.

Traditionally, families would bond their male child to the female child of another clan for political or prestige reasons. In more recent times, it became more common for childhood friends, classmates or coworkers to discuss the prospects of bonding their compatible children. Of course, in a perfect world, it would always be possible to match your child with another child of the same age. This is not always the case. It is not at all rare for the family of the male child to delay bonding their son until the intended female child reaches the age of seven. Thus, although most Vulcan couples that bonded as children are the same age, it is entirely possible to find a gap in age of perhaps two or three years.

The ceremony is conducted by a Vulcan master at the male child's clan ceremonial site. Below you will find an example of the child bonding ceremony. We will use the example of a male child named Stola and a female child named T'Lita.

Traditional Golic:

Master: Na'shayalar na'kanok-veh la. Etek hoknau fi'nash-mazhiv
na'telan t'Stola eh t'T'Lita. | da-tor na'sa-mekh t'sa-kan |
Sitok - sa-fu t'Skonn - sa-fu t'Sumek - nam-tor sha'kan t'ya'shakhuv na'telan?
Sitok: Ish-veh nam-tor.
Master: | da-tor na'sa-mekh t'ko-kan |
Subek - sa-fu t'Saruk - sa-fu t'Sebuk - Nam-tor sha'kan t'ya'shakhuv na'telan?
Subek: Ish-veh nam-tor.
Master: Kal-tor palikau. | takau kanlar fa'rak |
Stola - sa-fu t'Sitok heh t'T'Luba - nam-tor du na'telan?
Stola: Nash-veh nam-tor.
Master: | da-tor na'ko-kan |
T'Lita - ko-fu t'Subek heh t'T'Linu - nam-tor du na'telan?
T'Lita: Nash-veh nam-tor.
| yi afer-tor trensu kash-naf k'kanlar |
Master: Kashkau -- wuhkuh eh teretuhr --
Estuhn wi ri estuhn -- k'wuhli wi ri k'wuhli --
Stola: Estuhn wi ri estuhn -- k'wuhli wi ri k'wuhli --
T'Lita: Estuhn wi ri estuhn -- k'wuhli wi ri k'wuhli --
Stola & T'Lita: Nam-tor etek wuhkuh.
Master: Ki'navau telan -- | i'trasha naf |
Lu sarlah pon farr - dungji-fun-tor na'nash-shi na'kun-ut kali-fi. Sochya eh dif.
Stola & T'Lita: Dif-tor heh smusma.

Federation Standard:

High Master: Greetings to everyone present. We are gathered on these sands for the bonding of Stola and T'Lita. (turns to the boy's father)
 Sitok, son of Skonn, son of Sumeck, is your child of age for bonding?
 Sitok: He is.
 Master: (nods and turns to the girl's father)
 Subek, son of Saruk, son of Sebuk, is your child of age for bonding?
 Subek: She is.
 Master: Let it begin. (beckons the children forward)
 Stola, son of Sitok and T'Luba, are you prepared for bonding?
 Stola: I am.
 Master: T'Lita, daughter of Subek and T'Linu, are you prepared for bonding?
 T'Lita: I am.
 (the master then establishes a mind-link with both children)
 Master: Our minds, one and together . . .
 Touching, yet not touching; apart, yet never apart . . .
 Stola: Touching, yet not touching; apart, yet never apart . . .
 T'Lita: Touching, yet not touching; apart, yet never apart . . .
 Stola & T'Lita: We are one.
 Master: The bonding has succeeded . . . (the link is broken)
 When the pon farr comes, you will return to this place for the kun-ut kali-fi.
 Peace and long life.
 Stola & T'Lita: Live long and prosper.

KOLINAHR

Adult Emotion Purging Discipline

Most adult Vulcans are satisfied with achieving *Venlinahr*, the normal state of adult discipline, which most have little difficulty achieving. Roughly 10% of adult Vulcans, though, choose to undergo the rigorous and often long training process called *Kolinahr*, which leads to the complete cleansing of all emotions and the embracement of total logic. Not all who begin the *Kolinahr* training will finish it, due to many factors and all the disciplines that must be mastered. Each student's training is supervised directly by one of the head acolytes at Gol and periodically monitored by the High Master herself.

The actual training has no strict time-frame and is customized with regards to the strengths and weaknesses of each student. More than one person has completed *Kolinahr* in less than a year, but it is most common for someone to spend approximately two to three years in training, at a minimum, to achieve *Kolinahr*. At the completion of the training, the High Master herself will conduct the traditional completion ceremony. She will mind-meld with the student to verify that *Kolinahr* has, in fact, been achieved. If successful, the student will be presented with a symbol of total logic to wear around the neck on traditional occasions. The symbol is partially designed by the student during training, so the symbol is unique for each person. This is logical, since all people are unique.

Below you will find an example of the traditional closing ceremony between the High Master and Student at the end of successful *Kolinahr* training in both Traditional Golic Vulcan and Federation Standard English. The current High Master of Gol is T'Sai and she uses a less "old-fashioned" type of speech than her predecessors. We will use the example of a student named Sovuk here. The acolyte is the one who supervised that person's training.

Traditional Golic:

High Master: Dakh orfik-kel aushfamaluhr shaukaush fi'aifa mazhiv.

Sha'koshtri korseiven bai'elkhrul-akteiben t'Kolinahr.

Acolyte: Kolinahr -- k'fai'ei ek'zherka t'forti foshuhl.

High Master: Zup-tor vu akarshif - Sovuk --

i'poprah fasei setebuhk t'ovsot-olozhika.

| Shitau setebuhk pa'talu t'orensu - zahal-tor k'kash-naf |

High Master: Kashkau - Sovuk - wuhkuh eh teretuhr --

du naval srashiv t'Kolinahr. Zherka worla tu dungi-tash-tor va'ashiv.

Student: Nash-veh itar-bosh. Sochya eh dif.

High Master: Dif-tor heh smusma.

Federation Standard:

High Master: Our ancestors cast out their animal passions here on these sands.

Our race was saved by attainment of Kolinahr.

Acolyte: Kolinahr: Through which all emotion is finally shed.

High Master: You have labored long, Sovuk . . .

now receive from us this symbol of total logic.

(The symbol is placed around the student's neck, followed by the mind-meld.)

High Master: Our minds, Sovuk, one and together . . .

You have attained Kolinahr. Emotions will never control you again.

Student: I am grateful. Peace and long life . . .

Master: Live long and prosper.

Kun-ut Kali-Fi eh Pon Farr Marriage Challenge and Pon Farr

Upon the reaching of pon farr (mating time), male Vulcans begin to experience progressively more serious biochemical changes, ultimately leading to plak-tau (blood fever) which necessitates that they complete the *kun-ut kali-fi* or suffer madness and death. The onset of pon farr varies from individual to individual and depends on many factors, including genetics, environment, diet, and mental discipline. If the Vulcan is on-planet, they immediately will return to their traditional family lands. If the Vulcan is off-planet, they must make arrangements to return to Vulcan as quickly as possible.

If the Vulcan is bonded, his intended will know through their link that pon farr has arrived. The changes in the male will trigger biochemical changes in his female counterpart, regardless of the distance involved. The female will inform her clan matriarch of the arrival of pon farr, who will in turn inform the clan matriarch of the male's family. The male's family will arrange for the *kun-ut kali-fi* ceremony to take place at the clan's traditional place.

If the Vulcan is unbonded when pon farr arrives and he is not under the control of the plak-tau, his family will make arrangements for several satisfactory potential mates to be available for his choosing. He will make his own selection based on a logical weighing of the qualities of the potential mates. This is known as *telsu dvelan* (bondmate selection). If the unbonded Vulcan is under the control of the plak-tau, his family will

either select a suitable mate for him (the most common option) or hold a modified version of the *kun-ut kali-fi*, known as the *ko-telsu kali-fi* (wife challenge), where interested females fight for the privilege to be bonded with the male. They do not necessarily fight to the death. Once a female has been selected, the usual *kun-ut kali-fi* takes place.

Below you will find an example of the ritual communication between two Vulcans who were bonded as children and are making their first contact as adults prior to the *kun-ut kali-fi* ceremony, as well as two examples of the *kun-ut kali-fi* ceremony, in both Traditional Golic Vulcan and Federation Standard English. The first example is without a challenge, the second where a challenge is given. For the "with challenge" example, we have chosen a case where the female intended has declared "kali-fi". Although not detailed here, it is also possible for another adult male present to declare his desire for the female and call for "kali-fi", although that is seldom seen. A version of the *ko-telsu kali-fi* may also occur, where another female present will issue a challenge against the intended female and will fight for the male.

We will use "Snokk" for the male, "T'Pril" for the female and "T'Puk" for the matriarch.

Reunion Greeting Prior to Kun-ut Kali-fi

Traditional Golic:

T'Pril: Snokk, nam-tor nash-veh.

Snokk: T'Pril, dahshal s'nash-veh heh worla dahshal. Worla eh kwon-sum estuhn heh vesht estuhl. Ragel-tor etek na'shi kru'minik.

T'Pril: Snokk, dahshal s'nash-veh heh worla dahshal. Worla eh kwon-sum estuhn heh vesht estuhl. Bek-tor tu nash-veh.

Federation Standard:

T'Pril: Snokk, it is I.

Snokk: T'Pril, parted from me and never parted. Never and always touching and touched. We meet at the appointed place.

T'Pril: Snokk, parted from me and never parted. Never and always touching and touched. I await you.

Kun-ut Kali-fi Without A Challenge

Traditional Golic:

Lates Snokk na'svitan t'shi'kun-ut kali-fi eh kus-tor wuh'wak van-kal-kep gluvaun lashaan t'ish-veh. Po'svizh kus-tor ish-veh dah'rak wak glantokau pok'es na'van-kal palikau. I'svi-tor kun-ut-travek - fulagan k'pid-kom t'maat t'sasu. Lau il ri lau nam-tor la vath pi'maat-kisular t'on-okeleklar - fupa s'dvel t'wuhsular.

Po'lashaan t'kun-ut-travek heh ki-shitau ek'shailar - tan-tor Snokk heh sha'maat-pid-kom ho-ta'a - zahalan k'pi'kash-naf wugau pon farr. Kuv ma la Snokk t'hai'lalar - ragtau ish-veh au na'pid-kom.

T'Puk: Ra tu ak gla-tor tev-tor s'wak t'Palikaya. Nam-tor u'khaf-spol Vuhlkansu - nam-tor u'katra Vuhlkansu - nam-tor u'sha'yut. | Svizh | Kali farr..

Po'utvauk svizh heh ki-poprah ri kali-fi, kus-tor Snokk van-kal-kep reh'rak wak glantokau kun-ut van-kal dungau-palikau. I'dungi-sarlah fa'rak T'Pril heh svi-tor shif kash-naf k'pid-kom. Kuhlau ish-veh kun-ut-tel heh palikau svi'on tel-tau.

T'Puk: Pon farr..

I'ruk-tor ek'vathlar svi'kan-val shi'kun-ut kali-fi - nam-tor kulauf shif - pid-kom heh fash-klashausu. K'shif i'on ne'plak-tau - dungi-glantau pid-kom plathaya t'kun-ut.

Federation Standard:

Snokk walks to the center of the place of kun-ut kali-fi and rings the ceremonial gong once to show his arrival. After a pause, he rings it a second time to signal his readiness for the ceremony to commence. The marriage party now enters, lead by the matriarch of the male's clan. Other family members of both houses may or may not be present, according to the choice of the individuals.

After the marriage party has arrived and all have taken their places, Snokk and his clan matriarch give each other the ritual hand greeting, followed by a brief mind meld to confirm pon farr has arrived. If Snokk has friends present, they are introduced to the matriarch.

T'Puk: What you are about to see comes down from the time of the Beginning. This is the Vulcan heart, this is the Vulcan soul -- this is our way. (Pause) Kali farr! (Time of challenge!)

After a reasonable pause and having received no challenge, Snokk rings the ceremonial gong a third time to signal the marriage ceremony is to begin. T'Pril will now come forward and the couple will enter into a mind meld with the matriarch. She will complete the marriage bond and initiate the bonding fever in both.

T'Puk: Pon farr! (Time of mating!)

All others at the ceremony will now exit the place of kun-ut kali-fi, except for the couple, the matriarch and a hooded guard. With the couple now both in the plak-tau, the matriarch will observe the consummation of the marriage.

Kun-ut Kali-fi With A Challenge

Traditional Golic:

Lates Snokk na'svitan t'shi'kun-ut kali-fi eh kus-tor wuh'wak van-kal-kep gluvaun lashaan t'ish-veh. Po'svizh kus-tor ish-veh dah'rak wak glantokau

pok'es na'van-kal palikau. I'svi-tor kun-ut-travek - fulagan k'pid-kom t'maat t'sasu. Lau il ri lau nam-tor la vath pi'maat-kisular t'on-okeleklar - fupa s'dvel t'wuhsular.

Po'lashan t'kun-ut-travek heh ki-shitau ek'shailar - tan-tor Snokk heh sha'maat-pid-kom ho-ta'a - zahalan k'pi'kash-naf wugau pon farr. Kuv ma la Snokk t'hai'lalar - ragtau ish-veh au na'pid-kom.

T'Puk: Ra tu ak gla-tor tev-tor s'wak t'Palikaya. Nam-tor u'khaf-spol Vuhlkansu - nam-tor u'katra Vuhlkansu - nam-tor u'sha'yut. | Svizh | Kali farr..

Betau Snokk van-kal-kep reh'wak kus-tor hi ash-tor T'Pril svi'ish-veh eh kep.

T'Pril: Kali-fi..

K'kali-fi ki'tan-tor, dungi-saseshau Snokk na'vla bek-tor sarlahik vik-mor. Palikau k'danik nuflar plak-tau neman tash.

T'Puk: T'Pril - ki'dvel-tor du kali-fi. Du datorik shetau veltra t'skilsu?

T'Pril: Nash-veh datorik.

T'Puk: Snokk - nar-tor du kali-fi fupa s'sha'to-gavlar heh s'oyutlar?

Lau il ri lau Snokk kilko neraun uf glu ish-veh svi'plak-tau. Kuv kup-stariben - dungi-nar-tor ish-veh kali-fi - vathru nar-tor na'ish-veh.

T'Puk: T'Pril, dungi-dvel-tor du sha'skilamu.

T'Pril: U vesht nam-tor svi'shu-pal t'sha'gadlar - u nam-tor nash-gad - u dungi-nam-tor na'ek'fa-gadlar - tor sha'dvel. Dvel-tor nash veh.

Dungi-sasfekau T'Pril sha'skilamu. K'nash-nuf sasu k'ahm Tupak. Tan-tor zam-wak na'skilamu panah-tor.

T'Puk: Nam-tor torik. Tupak - klopau.

Tupak: Nar-tor nash-veh kali-fi.

T'Puk: La'palikau torai t'vik-mor na'mat t'kosu T'Pril. U vesht svi'wak t'Palikaya - dom i'nam-tor. Katau fa'rak lirpa.

Dungi-katau fa'rak dah van-kal-klashausu lirpalar heh tan-tor wuh-tik na'Snokk heh na'Tupak.

T'Puk: Kuv rish-tor on lirpa - dungi-fator vik-mor k'ahn-wun. Ki'palikal - kal-tor kling snertau.

Pla-tor s'yut kanok-veh hi Snokk heh Tupak. Dungi-palikau vik-mor. Dungi-puk-tor au k'lirpalar abi'wuhkuh t'au tevik il k'puu wuhkuh t'lirpalar shauk. Kuv wi'ha-tor on - dungi-fator vik-mor k'ahn-wun. K'rikesik nuf rish-tor on ahn-wun - dungi-fator vik-mor k'hayaik wunlar t'dvel t'pid-kom | vinaman lipitahlar - tileklar - sheklar il vath-wunlar | abi'wuhkuh stauk.

T'Puk: Snokk - ki'fakoval du svi'vik-mor na'mat t'kosu T'Pril. Istau tu tel-tor k'ish-veh ya'akashan kali-fi?

K'kanok-nuf fainu torai t'vik-mor na'tevakh k'vathsu dung-shau plak-tau eh kal-tor sasu tabakau be-tsur-tash t'shai. Skilan-sasu dung-panah-tor k'olozhika dvel - kuv il ri tel-tor k'kosu man vetlar pa'ish-veh eh vesht ya'akash kali-fi. Nam-tor ri gubi kuv sasu dvel-tor el-tor kosu s'sha'tel - tsuri dung-tor. Kuv ish-veh dvel-tor ovsoh tel - nam-tor kesik shif dung-ha-tor k'wuhli po'plathaya t'tel.

Snokk: Nafai-tor nash-veh - du vesht dung-nam-tor ko-telsu ma vetlar u donik'es na'sa-telsu. El-tor du nash-veh s'sha'tel. Dif-tor heh smusma. T'Pril: Dif-tor heh smusma - Snokk.

Pid-kom lau il ri lau tor star-krus ikap-tor van-kal.

Federation Standard:

Snokk walks to the center of the place of kun-ut kali-fi and rings the ceremonial gong once to show his arrival. After a pause, he rings it a second time to signal his readiness for the ceremony to commence. The marriage party now enters, lead by the matriarch of the male's clan. Other family members of both houses may or may not be present, according to the choice of the individuals.

After the marriage party has arrived and all have taken their places, Snokk and his clan matriarch give each other the ritual hand greeting, followed by a brief mind meld to confirm pon farr has arrived. If Snokk has friends present, they are introduced to the matriarch.

T'Puk: What you are about to see comes down from the time of the Beginning. This is the Vulcan heart, this is the Vulcan soul -- this is our way. (Pause) Kali farr! (Time for challenge!)

Snokk approaches the ceremonial gong to ring it a third time but T'Pril steps between him and the gong.

T'Pril: Kali-fi!

With challenge having been given, Snokk will withdraw to the side to await the coming combat. In most cases, the plak-tau will begin to take control.

T'Puk: T'Pril, you have chosen the kali-fi. You are prepared to become the property of the victor?

T'Pril: I am prepared.

T'Puk: Snokk, do you accept the kali-fi according to our laws and customs?

Snokk may or may not reply, depending on how deep he is in the plak-tau. If able to speak, he will accept the challenge, otherwise it is accepted for him.

T'Puk: T'Pril, you will chose your champion.

T'Pril: As it was in the dawn of our days, as it is today, as it will be for all tomorrows, I make my choice. I choose this one.

T'Pril will point out her champion. In this case, a male named Tupak. A couple minutes are given for the champion to consider.

T'Puk: It is done. Tupak, decide.

Tupak: I accept *kali-fi*.

T'Puk: Here begins the act of combat for possession of the woman T'Pril. As it was at the time of the Beginning, so it is now. Bring forth the *lirpa*.

Two ceremonial guards will bring forth the *lirpas* and give one each to Snokk and Tupak.

T'Puk: If both survive the *lirpa*, combat will continue with the *ahn-wun*. It has begun, let no-one interfere.

Everyone but Snokk and Tupak will back out of the way and the combat will begin. They will fight with the *lirpas* until one of them is dead or at least one of the *lirpas* is broken. If both are still alive, the combat will continue with the *ahn-wun*. In the unlikely event that both survive the *ahn-wun*, combat will continue with additional weapons of the matriarch's choice, including daggers, spears, swords or other weapons, until one is killed.

T'Puk: Snokk, you have prevailed in combat for possession of the woman T'Pril. Do you wish to bond with she who requested the *kali-fi*?

In every known case, the act of combat to the death with another will break the *plak-tau* and allow the male to regain near-normal control of himself. The winning male will have to weigh logically the choice of whether or not to bond with a woman who had doubts about him and requested *kali-fi*. There is no stigma if the male chooses to free the female from their bond and this is usually done. If he chooses to complete the bond, it is likely that the couple will live separately after consummating the bonding.

Snokk: I acknowledge that you who would be my wife has doubts as to my worthiness as a husband. I free you from our bond. Live long and prosper.

T'Pril: Live long and prosper, Snokk.

The matriarch may or may not make a statement to close the ceremony.

Nath-Pal-Nahr

Youth Emotional Control Discipline

Vulcan youth who have been declared continually and unrepentantly "over-emotional" by their families and/or teachers are usually sent to a Vulcan Master for rigorous mental training. This usually occurs after the youth is expelled from classes and/or banished from their families after a number of "emotional" incidents and/or a clear pattern of behavior is observed. Although youths who require additional mental discipline training beyond what is normally provided to all young Vulcans are not common, they are not rare either. This is due to the nature of being a Vulcan. The *Nath-Pal-Nahr* is considered the last chance for a young person to gain control over emotions and be welcomed in normal Vulcan society. Although the training is usually conducted by one of the Vulcan masters at Mount Seleya or even Gol, any qualified master may conduct the training. Normally the parents of the youth will select a master known to them personally or perhaps who is a member of the same clan. Failure to accept or finish the *Nath-Pal-Nahr* will invariably lead to being declared "vrekasht" (outcast).

Below you will find an example of the simple traditional closing exchange between Master and Student at the end of successful *Nath-Pal-Nahr* training in both Traditional Golic Vulcan and Federation Standard English. Elements of this may be slightly altered to customize the exchange depending on the type(s) of emotion(s) that lead to the training. Successful conclusion of this training leads, in nearly all cases, to being welcomed back into one's family and regaining one's seat in school.

Traditional Golic:

Master: Va'Vuhnaya --

Student: s'Va'Terishlar.

Master: Noshau sha'ranaya i'ov-sot. Ki'tor du muhl.

Student: Nash-veh odu itaren.

Master: I'datorik du fun-tor na'panu. Tushat - reshan - pthak heh wa'son-ha-lohk worla tu dungi-nan-tor va'ashiv.

Student: Nash-veh itar-bosh. Sochya eh dif.

Master: Dif-tor heh smusma.

Federation Standard:

Master: Infinite diversity . . .

Student: In infinite combinations.

Master: Your training is now complete. You have done well.

Student: Thank you.

Master: You are now prepared to return to the world. Grief, anger, fear and, especially, love will never threaten you again.

Student: I am grateful. Peace and long life . . .

Master: Live long and prosper.

Vok-Van-Kal Memorial Service

A brief memorial service or ceremony is held soon after the death of a Vulcan. It is usually presided over by a Vulcan Master, if not a High Master, and attended by the immediate family, clan members, friends, colleagues, and any other interested parties. For an important person, the ceremony may be held at Mount Seleya itself, but the services of most ordinary Vulcans are held at their clan ceremonial grounds. The body is not present at the ceremony, having already been buried or cremated.

Below you will find an example of the typically brief Vulcan memorial service in both Traditional Golic Vulcan and Federation Standard English. For our purposes, we will call the recently departed "Suvak" and his wife, "T'Lisu".

Traditional Golic:

Master: Dor-tor etek nash-gad vokaya t'Suvak - sa-fu t'Sumuk

Nam-tor ek'etek nelauk k'tevakh hi vesht tvidonik k'la'es t'o'ish-veh.

| pi'svizh |

Dor-tor etek nash-gad o'ish-veh -- doran sa-telsu - doran sa-mekh -

doran sa-kai - doran ek'talsu. Noshau ha'kiv t'o'ish-veh wuhkuh

t'dan-fudaya eh t'dan-vam
| kuv wi ha'an ko-telsu t'Suvak - i'stariben ish-veh t'sha'sa-telsu -
zahalan k'kanlar s'keshtan-zek - kuv aitlu fan-vel hau |
T'Lisu: Pi'maat heh t'hai'lu -- sochya eh dif.
Master (k'eku la): Dif-tor heh smusma.

Federation Standard:

Master: Today we honor the memory of Suvak, son of Sumuk.
We are all diminished by his death but we were enriched by his presence.
(a brief pause)
Today we honor him: We honor the husband, the father, the brother, the
scientist. His life is one to be held in the highest regard and esteem.
(If Suvak's wife is still living, she will now speak about her husband, followed
by their children in birth order, if they wish to add anything.)
T'Lisu: My family and friends . . . peace and long life.
Master (on behalf of all present): Live long and prosper.

Vulcan Foods and Dishes

Yem-tukh heh Yem-tevlar T'Khasi

INTRODUCTION

Ragtaya

Although the vast majority of contemporary Vulcans are vegetarians by choice, Vulcans were omnivorous for most of the time prior to the time of Surak. The only Vulcans that eat meat nowadays are certain outcasts, a very small cultural sub-group in the southern hemisphere of Vulcan and some inhabitants of distant Vulcan colonies. The Romulans, descended from Vulcan exiles, also are omnivorous. Most Vulcans will eat meat in situations where not to do so would be a cultural insult in "alien" surroundings and, of course, in survival situations where whatever food is available must be eaten. They find these situations logical, though distasteful. Some contemporary Vulcans will eat replicated meat, as they consider it only patterned after real meat, and not the actual flesh of a creature, whereas many Vulcans will eat no meat real or replicated. An extremely small minority group of Vulcans is so militantly vegetarian, that they would rather die than eat the flesh of another living thing. A few members of this very small faction have even been known to commit terroristic acts against producers and suppliers of meat for consumption.

EXAMPLES OF VULCAN FOOD

Li-fallar t'Yem-tukh T'Khasi

- Adronn feltara
- B'ltarr
- K'torr (c'torr)
- Filrak
- Farr-kahli
- Fori (a type of vegetable)
- Hirat (a grape-like fruit)
- Ihntya
- Kahri-torrafeiyaka (kahri-torrafeiyaca)
- Kasa (a type of fruit)
- Kheh (a type of grain)
- Klitanta s'mun t'forati (kleetanta with forati sauce)
- Kreila ("kreylla", a flat bread-like food)
- L'lersa (l-lersa)
- Mashya (a tuberous vegetable)
- Miya-zed (mia-zed)
- Pla-savas ("blue fruit", a sweet blue to black-colored fruit)
- Plomik ("plomeek", a type of vegetable)
- Sash-savas ("acid fruit", a strong, citrus-like oblong fruit)
- Shur t'bertakk (bertakk soup)
- Shur t'plomik (plomeek soup)
- T'koraka (t'coraca)
- Theris-masu (an herbal tea)
- Yon-savas ("fire fruit", a strongly flavored yellow to red-colored fruit)

Vulcan Leisure-Time Activites (Including Sports and Games)

El-Wak-Toranlar Vuhlkansu | k'Vinam t'Torvukhlar heh t'Zhagralar |

(This is not a comprehensive guide and is meant only as an introduction
to the terminology used in these activities.)

Arts, Crafts & Hobbies

Bahan -- gardening
 Bestan -- drawing
 Buhn-tershaun -- coin collecting
 Dun-zhukan -- paper-making
 Dunapshaun -- book-binding
 Fasan -- cooking
 Fereikan -- inventing
 Ha'gel-tanaf -- photography
 Halovaun -- traveling
 Hashan -- flying
 Hishan -- printing
 Kastik-sokasitaun -- plant cultivation
 Kitaun -- writing
 Kla-hilan -- researching
 Kohlan -- meditating
 Kov-skriman -- stonecarving
 Krasan -- painting
 Lapan-skriman -- woodcarving
 Leipaun -- baking
 Lubestan -- sketching
 Mahalan -- swimming
 Makh-saluran -- glass-blowing
 Makh-zhukan -- glass-making
 Masu-halovaun -- sailing
 Mavaun -- playing
 Men-hilan -- investigating
 Ogan -- sewing
 Peran -- acting
 Ralash-tanaf -- music
 Sna-lok-zhukan -- mosaic-working
 Svai-zehlaun -- floral arranging
 Taman -- dancing
 Tanaf -- art
 Telvan -- reading
 Uralaun -- singing

Children's Games

Dap-lan-pa -- similar to "mercy" or "uncle" (anc.)
 Fon-ta-nel -- similar to "blindman's buff" (anc.)
 Kai-ros -- similar to "hopscotch" (anc.)
 Le-matya eh Sehlat -- similar to "cowboys & indians" or "cops & robbers"
 Mesya -- similar to "tag"
 Narat do-toh -- similar to "hide & seek" (anc.)
 Shau-zehl -- "break-line", a game similar to "red rover"
 Val -- "chip", a playing piece in *Vallar heh Keh-vlalar*
 Vallar heh Keh-vlalar -- "chips & squares", a game similar to "checkers"

Strategy Games

Kovlar -- "Stones", a game similar to Japanese "Go"
 Mav-dohn -- game board
 Nesh-kur heh Yon-kur -- "black & red", a game similar to "backgammon"
 Reh-vla -- "triangle", a three-person board game of strategy

Games of Logic

Fu -- ancient logic puzzle that originally used the shells of a snail-like animal
 Kal-toh -- a Vulcan logic puzzle (anc.)
 T'an -- rod used in *kal-toh* puzzle (anc.)

Game of Chess

Ask'ersu -- "soldier", the pawn
 Dah-retuka-tches -- two-dimensional chess
 Dvun -- move
 Kenelsu -- "kenel-rider", the knight
 Klomak -- "fortress", the rook
 Ko-te'kru -- the queen
 Kum-tor -- to capture another's piece
 Mav-dohn -- game board
 Nan -- "threat", check
 Pash -- "trap", checkmate
 Reh-retuka-tches -- three-dimensional chess
 Sa-te'kru -- the king
 Skaf -- platform
 Tches -- "chess" (word "Vulcanized" from the Terran word for the game)
 Vaisu -- "holy man", the bishop
 Vitaya -- "stasis", stalemate

Solo Sports

Izh-haltan -- skiing
 Kov-manan -- rock-climbing, mountain-climbing

Sahran -- running

One-on-one sports

Ozh-dukal-pukan -- boxing

Vo'ek-pukan -- wrestling

Vish-peh-nath -- ancient sport similar to "sumo wrestling"

Wehk-pukan -- martial arts

Team Sports

Ash'ya-dukal -- soccer

Ki'haf-dukal -- basketball

Nen-dukal -- baseball

Professions & Trades

Ha-Yigallar heh Tingallar

Below is a sampling of the many professions and trades available to contemporary Vulcans. Despite living in an age with replicator technology, many Vulcans have chosen to continue the traditional professions of their ancestors.

Miscellaneous

Bahsu -- gardener
 Dun-zhuku -- paper-maker
 Dunapshausu -- book-binder
 Fassu -- cook
 Fereiksu -- inventor
 Ha'gel-tanafsu -- photographer
 Hashsu -- pilot
 Hishsu -- printer
 Kastik-sokasitausu -- plant cultivator
 Kitau -- writer
 Kla-hilsu -- researcher
 Kov-skrimsu -- stonecarver
 Krassu -- painter
 Lapan-skrimsu -- woodcarver
 Leipausu -- baker
 Makh-salursu -- glass-blower
 Makh-zhuku -- glass-maker
 Men-hilsu -- investigator
 Ogsu -- seamster, seamstress
 Per-ithop -- actor, actress
 Ralash-tanafsu -- musician
 Sna-lok-zhuku -- mosaic-worker
 Svai-zehlausu -- floral arranger
 Svai-zhuku -- florist
 Tamsu -- dancer
 Tanafsu -- artist
 Uralausu -- singer

Military Positions

Ask'ersu -- soldier
 Dah-gol'nevsu -- yeoman, 2nd Class
 Dah-traveksu -- master sergeant (land forces), 2nd Class P.O. (naval/Starfleet)
 Feihan -- chief petty officer
 Fosh-lan -- first lieutenant (land forces), lieutenant(jg) (naval/Starfleet)
 Halitra-lan -- admiral
 Kahr-lan -- general
 Khart-lan -- captain (naval/Starfleet)
 Masusu -- sailor/seaman
 Ne-lan -- cadet
 Neksu -- corporal

Nensu -- crewman
 Nik'el-lan -- rear admiral
 Ot-lan -- captain (land forces), lieutenant (naval/Starfleet)
 Reh-gol'nevsu -- yeoman, 1st Class
 Reh-traveksu -- sergeant major (land forces), 1st Class P.O. (naval/Starfleet)
 Shal-lan -- colonel
 Shaltra-lan -- vice admiral
 Tra-lan -- major (land forces), lieutenant commander (naval/Starfleet)
 Travek-lan -- commodore
 Ulef-lan -- warrant officer
 Wuh-gol'nevsu -- yeoman, 3rd Class
 Wuh-lan -- second lieutenant (land forces), ensign (naval/Starfleet)
 Wuh-traveksu -- sergeant (land forces), 3rd Class P.O. (naval/Starfleet)
 Zhel-lan -- lieutenant colonel (land forces), commander (naval/Starfleet)

Medical Positions

Gisam-talsu -- toxicologist
 Gnal-talsu -- oncologist
 Ha-meil-talsu -- biochemist
 Ha-tor-talsu -- biophysicist
 Has-sak-talsu -- epidemiologist
 Has-talsu -- pathologist
 Haseretsu -- pharmacist
 Hinek-talsu -- osteologist
 Is-lof-talsu -- physiologist
 Kapol-nafek-talsu -- nephrologist
 Kashan-nesu -- anesthesiologist
 Kashkau-talsu -- psychiatrist
 Khaf-spolsu -- cardiologist
 Khaf-talsu -- hematologist
 Kloshai-talsu -- psychologist
 Luk-talsu -- mycologist
 Nala-talsu -- cytologist
 Nehasamek-talsu -- hepatologist
 Numo-ha-talsu -- microbiologist
 Numo-kelek-talsu -- histologist
 Pekh-vat-talsu -- proctologist
 Ralash-talsu -- audiologist
 Shakhu-talsu -- geriatricist
 Shakhuvaya-talsu -- gerontologist
 Skaun-ek'ur-talsu -- gastroenterologist
 Tash-noshtra-talsu -- eugenicist
 Tevanu-talsu -- coroner
 Tevikehsu -- mortician
 Tol-talsu -- geneticist
 Uzh-keshtusu -- neonatologist
 Vazh-ek'ur-talsu -- urologist
 Vukhut-dvun-talsu -- kinesiologist
 Vukhut-mevsu -- angiologist
 Vukhut-talsu -- anatomist
 Wadi-talsu -- dermatologist

Scientific Positions

Aikum-talsu -- selenologist
Akan-ha-talsu -- xenobiologist
Aushfa-talsu -- zoologist
Ek'nosh-talsu -- climatologist
Ek'tukh-talsu -- mineralogist
Galu-tor-talsu -- nuclear physicist
Gen-lis-talsu -- linguist
Ha-meil-talsu -- biochemist
Ha-talsu -- biologist
Ha-tin-talsu -- biostratigrapher
Ha-tor-talsu -- biophysicist
Igen-va-talsu -- meteorologist
Kastik-talsu -- botanist
Kominsu-talsu -- anthropologist
Kov-meil-talsu -- petrochemist
Kov-talsu -- petrologist
Lap-kuv-talsu -- dendrochronologist
Le-suma-talsu -- glaciologist
Malat-talsu -- ecologist
Masu-dvun-talsu -- hydrodynamicist
Masu-mish-talsu -- hydrologic engineer
Masu-talsu -- hydrologist
Masutra-ha-talsu -- marine biologist
Masutra-mish-talsu -- oceanologist
Masutra-talsu -- oceanographer
Meil-talsu -- chemist
Ne'rak-masu-talsu -- geohydrologist
Numo-ha-talsu -- microbiologist
Ravot-talsu -- entomologist
S'udish-ha-talsu -- exobiologist
S'udish-solektra-talsu -- astrogeologist
Shila-talsu -- sociologist
Slor-masu-talsu -- limnologist
Solek-talsu -- pedologist
Solektra-hutaya-talsu -- seismologist
Solektra-meil-talsu -- geochemist
Solektra-shid-talsu -- geomorphologist
Solektra-talsu -- geologist
Solektra-tor-talsu -- geophysicist
Sov-masu-talsu -- hydrometeorologist
Stukh-talsu -- astrophysicist
Stukhtra-talsu -- cosmologist
Tauk-talsu -- speleologist
Tol-talsu -- geneticist
Tor-talsu -- physicist
Ukraluk-talsu -- herpetologist
Uroz-solek-talsu -- agronomist
Vath-ek'tra-talsu -- planetologist
Vesht-aushfa-talsu -- paleozoologist

Vesht-ek'nosh-talsu -- paleoclimatologist
Vesht-ha-talsu -- paleontologist
Vesht-kastik-talsu -- paleobotanist
Vesht-komihnsu-talsu -- paleoanthropologist
Veshtsu-talsu -- archaeologist
Yel-talsu -- astronomer
Zhit-vesht-talsu -- etymologist
Zul-kunel-talsu -- vulcanologist

A History of the Planet Vulcan

Vesht-var t'Ek'tra T'Khasi

The history of the planet Vulcan has been a great mystery to many beings both in and outside of the United Federation of Planets (UFP). Vulcans tend to be a very private people and only reveal that which is necessary. This secrecy about their past and some of their customs is protected under the terms of their membership in the Federation. Much of the known history of the Vulcan home planet is sketchy or even contradictory. Even the name of their planet has caused confusion. The real name of their planet was not revealed at first contact with Earth and was unknown for many years early in the UFP. Due to the pronunciation of a term that the first Vulcans used to refer to themselves, humans after first contact called the Vulcans "Voolcanu" and therefore inferred the name of their homeworld to be "Voolcan". After the formation of the UFP, Vulcans became known as "Vulcanians" and their planet was called "Vulcanis". In time, the shared term "Vulcan" for the people and their planet came into popular use and it continues to this day. Modern Vulcans call themselves "Vuhlkanu" or "Vuhlkansular", and the official name for their planet is T'Khasi, a very ancient word. Below we will attempt to fill in some knowledge gaps and present a condensed history of the planet T'Khasi. In this essay, we will use the word "Vulcan" for their planet because of its widespread familiarity.

The planet Vulcan is located in the same spiral arm of the Milky Way as the Earth. The Vulcan's solar system is currently comprised of three planets, the largest of which is their homeworld. Many centuries ago, Vulcan had several small iron-nickel moons. At an early stage in Vulcan spaceflight, these moons were mined as a source of ore, since the planet itself was poor in ferrous materials. The lack of moons is more than compensated by Vulcan's sister planet, T'Khut. Vulcan (T'Khasi) and T'Khut are unique in that they revolve around a common point in the same orbit. T'Khut dominates the sky and its closeness causes gravitational stress on the planet Vulcan. This is a major factor in planetary tectonic activity and maintains active vulcanism.

Vulcan is somewhat older than the Earth, geologically speaking. Scientists have estimated that Vulcan is nearly five hundred million years older. The planet itself evolved quicker than Earth because of the effects in its system. The Vulcans' planet is larger than Earth. The gravity is noticeably higher. There is little seasonal variation on the planet Vulcan due to an almost circular orbit around its hot sun and the very slight tilt on its axis. Vulcan orbits its sun at about the same distance as Mars in the Sol system.

Like all planets so far discovered that gave birth to carbon-based life, Vulcan had a watery past. The oceans of the planet probably covered a substantial part of the surface at their maximum, although it is unknown to what extent because vulcanism on Vulcan has obliterated most traces of an oceanic past. The evolutionary cycle followed most of the same steps as on Earth. As on most planets with reptilian or mammalian dominant lifeforms, Vulcan had an Age of Great Reptiles. These creatures were similar to the dinosaurs of Earth or the ancestors of the Gorns. Vulcan never did have such a great variety of species because of severity of climate. Because of vulcanism and severe geological upheavals, the fossil record on Vulcan is very thin. There are often only single specimens of an extinct species. The fossil record on Earth is hundreds of times richer. Conditions were always tough and all lifeforms on Vulcan had to be strong and adaptable. During the Oceanic Era there appear to have been four main continental regions. The evidence of this can be seen in the massive high plateau regions that remain to this day.

The Great Reptiles died out during a period of intense solar flares in the distant past and smaller animals took over. Again, there was never a great variety of creatures. The earliest identified ancestor of the Vulcans was a creature called the "cat-ape" by some Federation paleontologists. Modern Vulcans still possess some qualities of a quasi-feline predator past; many have noticed the strength, reflexes and fluid movement. Vulcan physiology and psychology is covered in the essays of others. There had long been some conjecture that Vulcan ancestors may have been seeded on Vulcan by one of the ancient great "Preserver" races of the

galaxy. Possible proof of this lies with the existence of a number of other vulcanoid races, including the Rigellians. The Romulans were determined years ago to have been descendants of emigrants from Vulcan thought lost in space centuries before. The argument for seeding is weakened, though, by the fact that Vulcans are genetically related to the biological life of their planet. More and more Federation scientists believe now that Vulcan may have been the prehistoric origin of vulcanoid life seeded elsewhere.

Early vulcanoid life evolved on the vast grasslands that once covered the low plains of the planet. By the time of the rise of true intelligence in these Vulcan ancestors, no true forests or jungles still existed. Only in prehistoric times did large plant-forms thrive. Because of their evolution in a savannah environment, the Vulcan ears and eyes developed into quite sensitive instruments to facilitate hunting and survival in tall grasses. Prehistoric Vulcans mostly kept away from the mountainous, volcanic areas of their planet, due to the dangerous conditions caused by continual eruptions.

The Vulcans learned to use fire at an early stage. This is no real surprise on a volcanic planet. The people were constantly exposed to fire and lava. Violent electrical storms also started huge range fires in the grasslands. The planet itself was very rich in many minerals and metals. The Stone Age of Vulcan was relatively short. Metal tools and weapons came about quite soon because of easy access to high-grade ores. Unfortunately, usable iron ore was quite rare and there was never a prehistoric Iron Age. Wars over territory containing iron ore were continuous. Copper is very common on Vulcan, though. The blood chemistry of Vulcan life is based on copper, not iron, hence the green blood that is so famous. A similar thing happened with the Andorians and their cobalt-based blood chemistry. Thus, copper was the basis of Vulcan metallurgy. Also, because of the lack of wood as a building material, dwellings were made of sod or stone. The abundant grasses were used as thatch for roofing.

In historical times, there were no longer any large land animals like elephants or giraffes on Vulcan. Large herds of smaller grazing animals were domesticated, though. Some animals became pets and beasts of burden, while others were eaten. Simple agriculture developed early, but the conditions supported nomadic life much better.

Although there is very little speciation on Vulcan, there are two races of Vulcans -- a light-skinned race that dominated the Northern Hemisphere in prehistoric times and a dark-skinned race from the Southern Hemisphere. Most Vulcans have black hair, which greys with age, but some Vulcans have a recessive gene for a reddish-colored hair. In some rural areas, this reddish hair is common. Though there were often bloody struggles over territory, Vulcan has not been burdened with racial prejudices in historical times. Vulcans often find it very difficult to understand the problems Earth and other worlds have had because of different races.

By the earliest historical times, the oceans had shrunk into a few small seas and large salt lakes. This also prevented the continental isolation due to large oceans that happened on Earth. Although there were hundreds of different dialects in early times, the number of languages quickly declined as military conquests consolidated vast territories of the planet. One of the largest language groups originated on the Plains of Gol and is somewhat analogous to the Indo-European root language on Earth. One of the popular terms for this language is Ancient Golic Vulcan, although it is unknown what the speakers called it. Only scraps of it remain, mostly on the ancient pictographic inscriptions found throughout the Gol region. A standard language for ceremonial, religious and literary purposes is directly descended from Ancient Golic Vulcan and has survived for thousands of years. Usually called "Old High Vulcan" by non-Vulcans, it is called Traditional Golic Vulcan by the Vulcans themselves. This is the language of Surak and the Masters of Gol. The ordinary people of the Gol region and its surroundings speak what is called "Modern Golic Vulcan". Several other important languages exist, including the official "Modern Vulcan" used by today's Vulcans for most communications needs. Its history is unclear and it has been suggested that it was an invented language, developed many centuries ago after Vulcan was united. It may have been considered inappropriate to use Traditional Golic Vulcan for this purpose. Other etymologists consider this "Modern Vulcan" to be a descendant of the same root language that gave rise to Romulan. Few off-worlders speak any of the Vulcan languages, some of which are considered complicated or hard to pronounce.

As civilization developed, fortified urban centers spread across the face of Vulcan. Unfortunately, due to the drying up of the climate, resources were always limited. Most of the Vulcans at this time remained nomadic, somewhat like the tribes of the Sahara desert on Earth several hundred years ago. Wars for water, natural resources and territory were common. The now common desert conditions slowed the development of Vulcan civilization and a long stagnant period began. The hot, dry conditions caused the Vulcans to become strong and ruthless to survive. The Vulcans had always been merciless and fierce warriors, and raids on neighboring lands were common. Early forms of trade, though, still existed. No one government or philosophy ever dominated the planet until the time of Surak. The length of time of pre-Surak civilization is certainly in the hundreds of thousands of years. This is much longer than the corresponding period on Earth or most other major planets. Archeologists are still digging for information.

Industrialization on Vulcan happened practically overnight as a result of the military need for improved weapons. Where on Earth it took about 200 years to go from steam engines to common spaceflight, it took the Vulcans approximately 50 years. The people of Vulcan quickly explored their solar system, mining the moons and asteroids, and colonized their sister planet. Vulcan at this time was somewhat like the early 21st Century of Earth. Because of their inner violent natures, though, there occurred a long period of horrific planetary wars, including nuclear and biological weapons. The population of Vulcan dropped rapidly. The Vulcans were near the edge of extinction due to unchecked warfare. Without a change, the planet would become lifeless. Earth at this time was just beginning the Bronze Age.

Through most of Vulcan's history the people had lived in matriarchal societies. The women were political leaders, teachers, administrators and religious leaders. The women arranged marriages and controlled the numbers of children born. More males were born than females. Because of the limited number of females, there was often a bonding challenge and males fought for the right to mate. By fighting to the death, only the strong and cunning lived to have children -- survival of the fittest at its most serious. This was the beginning of genetic planning. The clan matriarchs oversaw most facets of life. Male Vulcans did rise to very high positions of authority, but this was rare. The males were usually the hunters, the laborers, the priests and the soldiers. Young males that showed high intelligence, though, were always separated from normal males and given special education not available to most males. These Vulcan males became scientists and inventors, as well as philosophers and poets.

Surak

One of these special Vulcan males was named Surak. He is considered the most outstanding Vulcan ever born. He was the turning point in Vulcan's history. The intelligent and inquisitive boy was enrolled in one of the highest ranking schools. He mastered everything he studied. As an adult he saw the violent, emotional conditions on his planet, and turned his back on the family business to study with the masters at Gol. He began developing the philosophy that would totally revolutionize Vulcan. Many stories are told about Surak's deeds. Many of them are apocryphal. Surak is truly larger than life to many Vulcans. Unfortunately, the Vulcans have kept much of Surak's "true" life a secret and until they open up certain sealed documents to off-world beings, only that which they wish us to know will be known.

Surak quietly began to convert those around him to his philosophy of logic and control of emotions. He developed rigorous disciplines. As more and more Vulcans accepted his way, the situation on Vulcan began to change. People discarded their weapons and destructive emotions. One myth is that the Vulcan discards all emotions. This is not true. The emotions remain but under tight control. The key is controlling external display of these emotions. As in all revolutions, groups of Vulcans rose up against Surak's changes. There were many attempts on Surak's life and ultimately he lost his life on a peace mission. Much of the history of this time is a mystery. The point is that Surak, against all odds, succeeded in saving the Vulcan race from its path of self-destruction and forever changed Vulcan society. It is now known that a large group of those who opposed Surak gathered a fleet of spaceships and left Vulcan to find a world of their own. These pilgrims were all thought to have perished while attempting this journey. But some did survive and the Romulans are living proof of this. The Romulans are a living reminder (and embarrassment) of the way many Vulcans were

before Surak.

The exact length of time between Surak and the first contact between Earth and Vulcan is unknown. The Vulcans, embarrassed about their violent, emotional past, have kept a lot of this information secret. Some people actually think that the Vulcans themselves don't know the details and don't want us to be aware of their lost history. This is unusual, since many other races freely admit their violent pasts and lost knowledge due to great wars or great catastrophes. What is known is that the Vulcan race was preserved by logic and control of emotions, even though that did cause a certain amount of stagnation in Vulcan society. Vulcans have changed little over the past two millennia, although their science has advanced quite a bit. Membership in the United Federation of Planets has had little effect on the day-to-day life of the matriarchal, ethnocentric Vulcans. They still go through Kolinahr and Kun-ut Kali-fi, Kahs-wan and Ka-nifur, bonding as children and pon farr every seven years of adult life. The history of the Vulcans is very complex and very interesting. Every year we learn a little more about our enigmatic, intelligent friends. Maybe one of you will unlock some of the mysteries. Until that time . . .

Dif-tor heh smusma.. (Live long and prosper!)

Suggested readings:

"Vulcans I Have Met" by James T. Kirk, Admiral, Starfleet, United Federation of Planets Press, San Francisco, Earth

"Life Among the Vulcans" by Amanda Grayson, wife of Sarek, Vulcan Academy of Sciences, Shi'Kahr, Vulcan

"T'Khasi: A Guide to Vulcan" by T'Lahr and Solak, visiting lecturers, Cornell University Press, New York, Earth

"Vulcan", Encyclopedia Galactica, 5th Edition, Centaurus

"Psthan na'Olozhika," by Sarek, Vulcan Ambassador to the U.F.P., Vulcan Psychology Monthly, Shi'Kahr, Vulcan

Sciences

Main Science Page

Nen-Thalu t'Ek-Tal

INTRODUCTION

Ragtaya

As is well-known throughout the Federation, the Vulcans are especially known for their excellence in the sciences and medicine. Vulcans serve throughout Starfleet most prominently as science officers, engineers and medical doctors, although intelligence analysts and security specialists are becoming common as well. A number of Starfleet science vessels are completely manned by Vulcans. As with most advanced races, the Vulcans have a huge vocabulary of specialized terms for use in the sciences and technical fields. Below you will find a large introduction to a wide range of scientific words and terminology. See also our other science pages.

FIELDS OF STUDY

Vunailar t'Orenaya

In nearly all cases, it is easy to determine the Golic Vulcan name for a discipline or field of study in most of the scientific, technical and medical disciplines. In contemporary usage, all of these terms are formed from a descriptive root with "-tal" (meaning "study" or "-ology") suffixed. Here is a selection of examples:

Aerology -- Sov-tal ("air-study")
 Aerodynamics -- Sov-dvun-tal ("air-motion-study")
 Aeronautics -- Hash-tal ("flight-study")
 Agronomy -- Urozh-solek-tal
 Algology -- Smol-tal ("alga(e)-study")
 Anatomy -- Vukhut-tal
 Anesthesiology -- Kashan-ne-tal
 Angiology -- Vukhut-mev-tal ("body-vessel-study")
 Anthropology -- Kominsu-tal ("human-study")
 Archeology -- Veshtsu-tal ("past-person-study")
 Astrogeology -- S'udish-solektra-tal ("outside-land-study")
 Astronomy -- Yel-tal ("star-study")
 Astrophysics -- Stukh-tal ("space-study")
 Audiology -- Ralash-tal
 Biochemistry -- Ha-meil-tal ("life-chemical-study")
 Biology -- Ha-tal
 Biophysics -- Ha-tor-tal
 Biostratigraphy -- Ha-tin-tal
 Botany -- Kastik-tal
 Cardiology -- Khaf-spol-tal
 Chemistry -- Meil-tal
 Climatology -- Ek'nosh-tal
 Cosmology -- Stukhtra-tal ("universe-study")
 Cytology -- Nala-tal ("cell-study")
 Dendrochronology -- Lap-kuv-tal ("tree-ring-study")
 Dermatology -- Wadi-tal
 Ecology -- Malat-tal ("nature-study")
 Epidemiology -- Has-sak-tal
 Ergonomics -- Zup-dvun-tal ("labor-motion-study")
 Etymology -- Zhit-vesht-tal ("word-past-study")

Eugenics -- Tash-noshtra-tal ("control-characteristic-study")
 Exobiology -- S'udish-ha-tal ("outside-life-study")
 Gastroenterology -- Skaun-ek'ur-tal
 Genetics -- Tol-tal
 Geochemistry -- Solektra-meil-tal ("land-chemical-study")
 Geohydrology -- Ne'rak-masu-tal ("beneath-water-study")
 Geology -- Solektra-tal
 Geomorphology -- Solektra-shid-tal ("land-form-study")
 Geophysics -- Solektra-tor-tal ("land-doing-study")
 Geriatrics -- Shakhu-tal ("elderly-study")
 Gerontology -- Shakhuvaya-tal ("aging-study")
 Glaciology -- Le-suma-tal ("ice-study")
 Hematology -- Khaf-tal ("blood-study")
 Hepatology -- Nehasamek-tal ("liver-study")
 Herpetology -- Ukraluk-tal ("reptile-study")
 Histochemistry -- Numo-kelek-tal t'nala eh nalatra
 Histology -- Numo-kelek-tal ("microscopic-structure-study")
 Hydraulics -- Masu-mish-tal ("water (ie. fluid)-engineering")
 Hydrodynamics -- Masu-dvun-tal ("water-motion-study")
 Hydrology -- Masu-tal
 Hydrometeorology -- Sov-masu-ta ("sky-water-study")
 Hydrostatics -- Masu-shom-tal ("water-rest-study")
 Kinesiology -- Vukhut-dvun-tal ("body-motion-study")
 Limnology -- Slor-masu-tal ("freshwater-study")
 Linguistics -- Gen-lis-tal
 Marine biology -- Masutra-ha-tal
 Meteorology -- Igen-va-tal
 Microbiology -- Numo-ha-tal
 Mineralogy -- Ek'tukh-tal
 Mycology -- Luk-tal ("fungus-study")
 Neonatology -- Uzh-keshtu-tal ("newborn-study")
 Nephrology -- Kapol-nafek-tal ("kidney-study")
 Oceanography -- Masutra-tal
 Oceanology -- Masutra-mish-tal ("ocean-engineering")
 Oncology -- Gnal-tal ("tumor-study")
 Osteology -- Hinek-tal ("bone-study")
 Nuclear physics -- Galu-tor-tal ("atom-doing-study")
 Paleoanthropology -- Vesht-komihnsu-tal
 Paleobotany -- Vesht-kastik-tal
 Paleoclimatology -- Vesht-ek'nosh-tal
 Paleoecology -- Vesht-malat-tal
 Paleography -- Vesht-kitau-tal ("past-writing-study")
 Paleontology -- Vesht-ha-tal ("past-life-study")
 Paleozoology -- Vesht-aushfa-tal
 Palynology -- Tal t'Kas-sa-nei ("study of-pollen")
 Pathology -- Has-tal ("disease-study")
 Pedology -- Solek-tal ("soil-study")
 Petrochemistry -- Kov-meil-tal ("rock-chemical-study")
 Petrology -- Kov-tal ("rock-study")
 Pharmacology -- Haseret-tal ("medication-study")
 Physics -- Tor-tal ("doing-study")
 Physiology -- Is-lof-tal ("function-study")
 Phytogeography -- Kastik-sagan-tal ("plant-distribution-study")

Phytopathology -- Kastik-has-tal ("plant-disease-study")
 Phytosociology -- Kastik-shila-tal
 Planetology -- Vath-ek'tra-tal ("other-planet-study")
 Praxeology -- Su-torai-tal ("people-action-study")
 Proctology -- Pekh-mev-tal
 Psychiatry -- Kashkau-tal ("mind-study")
 Psychology -- Klosehai-tal ("behavior-study")
 Seismology -- Solektra-hutaya-tal
 Selenology -- Aikum-tal ("moon-study")
 Sociology -- Shila-tal ("community-study")
 Speleology -- Tauk-tal ("cave-study")
 Synecology -- Su-malat-tal ("people-nature-study")
 Tectonics -- Solektra-dvun-tal ("land-motion-study")
 Toxicology -- Gisam-tal ("poison-study")
 Urology -- Vazh-ek'ur-tal
 Vulcanology -- Zul-kunel-tal ("volcano-study")
 Vulcantology -- Vuhlkansu-tal ("vulcan(s)-study")
 Xenobiology -- Akan-ha-tal ("alien-life-study")
 Zoology -- Aushfa-tal

ASTRONOMY & ASTROPHYSICS

Yel-tal heh Stukh-tal

Because they live in a very dynamic planetary system and achieved spaceflight at an early stage, the Vulcans have an extensive knowledge of astronomy and astrophysics. They have greatly added to the UFP's knowledge of the universe and planetary systems.

Some examples of Golic Vulcan vocabulary in these fields:

Accretion disk -- fito'ov-mathra
 Albedo -- ha'gel-haulan-tavat
 Aphelion -- yel-irak-sfek
 Apogee -- irak-sfek
 Asteroid -- pi'ek'tra
 Astronomer -- yel-talsu
 Astrophysicist -- stukh-talsu
 Atmosphere -- igen-tukh
 Azimuth -- ir-zehl-kes
 Binary star -- dah-yel
 Bolide -- thorsha-wesh-kov
 Comet -- zehl-yel
 Constellation -- yel-nel-dath
 Corona -- pau
 Cosmic dust -- stukh-grazhiv
 Cosmic ray -- stukh-ha'zehl
 Crater, Impact -- kwul-razh
 Dark matter -- mu'gel-tukh
 Earth -- Terra
 Eclipse -- ek'duv
 Galaxy -- yel-halek
 Globe -- ek'tra-dukak
 Globular cluster -- dukak-yel-travek
 Horizon -- ir-zehl

Lunar regolith -- aikum-solek
 Magnetic field -- vunai t'mokev-seshan
 Meteor -- wesh-kov
 Meteor shower -- wesh-kov-tevan
 Meteorite -- igen-kov
 Moon -- aikum
 Nebula -- stukh-wan
 Nova -- thorsha-yel
 Observatory -- shi'igen-glantaya
 Open cluster -- tu'a-yel-travek
 Orbit -- pa-yut
 Outgassing -- s'pataya
 Penumbra -- pi'duv
 Perigee -- be-sfek
 Perihelion -- yel-be-sfek
 Planet -- ek'tra
 Planetarium -- shi'yel-gluvekh
 Pulsar -- spol-yel
 Satellite, Artificial -- torv-aikum
 Satellite, Natural -- malat-aikum
 Solar flare -- yel-pohshaya
 Solar prominence -- yel-sposhan
 Solar system -- yel-pi'maat
 Space, Outer -- stukh
 Star -- yel
 Stellar cartography -- besaya t'yellar
 Supernova -- khrash-yel
 Sun -- yel
 Sunspot -- yel-ulidar
 Telescope -- irak-zan-vel
 Umbra -- duv
 Vulcan -- T'Khasi
 World -- ek'tra
 Wormhole -- stukh-wak-mev
 Zenith -- shi'dan-abru

CHEMISTRY & PHYSICS

Meil-tal heh Tor-tal

In the time before Surak, the names for elements and chemicals had no regularity in Golic Vulcan. Later, scientists, taking a lead from the teachings of Surak and his successors, decided to completely revamp the way chemistry handled its specialized language. All elements on the periodic chart now end with the suffix "-tukh", meaning "material" or "substance", and the root word is almost always descriptive of the appearance or property of the element. Examples are *masu-tukh* (lit. water-stuff) for hydrogen, since hydrogen makes up 2/3 of the basic water molecule; and *ras-tukh* (lit. heavy-stuff) for lead because of its obvious density. In OHV scientific usage, the name of "chemical modifiers" (oxide or chloride, for example) are derived from the major element name by dropping the "-tukh" and directly suffixing "u".

The way the Vulcans write the names for chemical compounds is often considered much clearer and less ambiguous than the way they are written in FSE. It is usually possible to derive the chemical formula from the chemical name, whereas this is not the case in FSE. In most cases, Golic Vulcan chemical names contain numbers showing the atomic structure of a molecule, making learning chemical structure somewhat easier for Vulcans. Chemical names follow a pattern similar to obsolete chemical compound name usage in Earth

languages, such as "Sulfate of Lead" or "Chloride of Sodium". This rule follows for nearly all compounds, but one exception is with chemicals like acids, where simple acid names can be suffixed "-sash", whereas more complicated names follow the above form.

The following are some miscellaneous chemical names:

Arsenic trioxide -- reh-eshu t'dah-gis-tukh (lit. trioxide of di-arsenic)
 Arsenic trisulfide -- reh-vlau'u t'dah-gis-tukh (lit. trisulfide of di-arsenic)
 Barium sulfate -- vlau-keh-eshu t'zon-tukh (sulfate of barium)
 Cadmium sulfide -- vlau'u t'stal-tukh (lit. sulfide of cadmium)
 Calcium chloride -- lafu t'hinek-tukh (lit. chloride of calcium)
 Carbon dioxide -- dah-eshu t'nol-tukh (lit. dioxide of carbon)
 Carbon disulfide -- dah-vlau'u t'nol-tukh (lit. disulfide of carbon)
 Carbon monoxide -- eshu t'nol-tukh (lit. oxide of carbon)
 Carbon tetrachloride -- keh-lafu t'nol-tukh (lit. tetrachloride of carbon)
 Cobalt chloride -- dah-lafu t'pla-tukh (lit. dichloride of cobalt)
 Copper sulfate -- vlau-keh-eshu t'khaf-tukh (lit. sulfate of copper)
 Cuprite (copper ore) -- eshu t'dah-khaf-tukh (lit. oxide of di-copper)
 Ferric oxide -- reh-eshu t'dah-shek-tukh (lit. trioxide of di-iron)
 Hydrogen peroxide -- dah-eshu t'dah-masu-tukh (lit. dioxide of dihydrogen)
 Hydrogen sulfide -- vlau'u t'dah-masu-tukh (lit. sulfide of dihydrogen)
 Magnesium oxide -- eshu t'wal-tukh (lit. oxide of magnesium)
 Magnesium sulfate -- vlau-keh-eshu t'wal-tukh (lit. sulfate of magnesium)
 Nitric oxide -- eshu t'sov-tukh (lit. oxide of nitrogen)
 Potassium chloride -- lafu t'spoh-tukh (lit. chloride of potassium)
 Potassium nitrate -- sov-reh-eshu t'spoh-tukh (lit. nitrate of potassium)
 Potassium sulfate -- vlau-keh-eshu t'spoh-tukh (lit. sulfate of potassium)
 Pyrite -- dah-vlau'u t'shek-tukh (lit. disulfide of iron)
 Sodium bicarbonate -- sovnol-reh-eshu t'alem-tukh (lit. hydrocarbon-oxide of sodium)
 Sodium chloride (salt) -- lafu t'alem-tukh (lit. chloride of sodium)
 Sodium nitrate -- sov-reh-eshu t'alem-tukh (lit. nitrate of sodium)
 Sodium sulfate -- vlau-keh-eshu t'alem-tukh (lit. sulfate of sodium)
 Sulfur dioxide -- dah-eshu t'vlau-tukh (lit. dioxide of sulfur)
 Titanium dioxide -- dah-eshu t'vau-tukh (lit. dioxide of titanium)
 Uranium hexafluoride -- sheh-hoshu t'shu-tukh (lit. hexafluoride of uranium)
 Zinc oxide -- eshu t'tsau-tukh (lit. oxide of zinc)

Acetic acid -- sfith-masu-sash (lit. vinegar acid)
 Ascorbic acid -- nen-savas-sash (lit. basic fruit acid)
 Boric acid -- sash t'rak-reh-eshu (lit. acid of boron trioxide)
 Carbonic acid -- sash t'masu-reh-eshu (lit. acid of carbonate)
 Chromic acid -- sash t'salu-keh-eshu (lit. acid of chromate)
 Hydrobromic acid -- masu-raku-sash (lit. hydro-bromide acid)
 Hydrochloric acid -- masu-lafu-sash (lit. hydro-chloride acid)
 Nitric acid -- sash t'sov-reh-eshu (lit. acid of nitrate)
 Phosphoric acid -- sash t'yon-keh-eshu (lit. acid of phosphoro-tetroxide)
 Phosphorous acid -- sash t'yon-reh-eshu (lit. acid of phosphoro-trioxide)
 Sulfuric acid -- sash t'vlau-keh-eshu (lit. acid of sulfate)
 Sulfurous acid -- sash t'vlau-reh-eshu (lit. acid of sulfite)

Examples of Golic Vulcan chemistry and physics terms:

Anhydrous -- fam-masupik

Alpha particle -- sih-pi'gal
Atom -- galu
Baryon -- pu'gal
Beta particle -- tih-pi'gal
Bioluminescence -- ha-ha'tanaya
Calcareous -- gavik
Catalyst -- torai-tukh
Caustic -- yontau-meil
Chroniton -- wak'gal
Compound (chemistry) -- meilaktra
Delta radiation -- kih-saya
Density -- ihn'es
Deuterium -- dah-masu-tukh
Dilithium -- dah-pim-tukh
Electron -- u'gal
Emulsion -- dah-masu
Emulsifier -- dah-mashek
Emulsible -- dah-mashauk
Filtration -- kapol-toraya
Fission, Atomic -- galu-dahshaya
Fluorescence -- sau-ha'tanaya
Fusion, Atomic -- galu-kaunshaya
Gamma radiation -- pih-saya
Graviton -- sesh'gal
Half-life -- ulef-ha'kiv
Hypervelocity impact -- kwul t'dan-pid-threshan
Immiscible -- rirish-yehat
Instability -- rifihet'es
Ion -- falun-krus
Ionization -- falun-shetaya
Isotope -- galu-dahsu
Luminescence -- dakh-ha'tanaya
Magnetic -- seshupik
Magnetic field -- seshan-vunai
Magnetic field intensity -- karik'es t'seshan-vunai
Magnetometer -- seshan-thonek
Methane -- keh-masunol-tukh
Methanol -- eshu t'keh-masunol-tukh
Methyl -- reh-masunol-tukh
Methylamine -- sovu t'kau-masunol-tukh
Methylene -- dah-masunol-tukh
Miscible -- vi'rish-yehat
Molecule -- galutravek
Negative charge -- u'rak-falun
Neutrino -- ska'gal
Neutron -- ta'gal
Nucleus (atomic) -- galu-svitan
Osmosis -- k'fai-sanek
Permeable -- sanek-yehat
Petroleum -- ek'elmin
Phosphorescence -- haf-ha'tanaya
Piezoelectric -- khush-raf
Piezoelectric effect -- dau t'khush-raf-tepul

Piezoelectricity -- khush-raf-tepul
 Polaron -- na'gal
 Positive charge -- a'rak-falun
 Positron -- a'gal
 Radiation -- galu-saya
 Radioactive -- galu-sayuk
 Radioactive decay -- galu-sayuk nehaya
 Radioactivity -- galu-saya'es
 Radioisotope -- galu-saya-dahsu
 Salinity -- alemik'es
 Saturation -- vi-mashaya
 Stability -- fihet'es
 X-ray -- vak-zehl

TABLE OF ELEMENTS

Besan t'Meilaklar

Strangely enough, the Vulcans never devised a periodic table of elements like that in use on Earth. They tended to group the elements by properties, such as gas, liquid or solid, or later in a convoluted system of interlocking tables. The Vulcans who made first contact with humans, after Zefrem Cochrane's first warp flight, were impressed with the human organization of elements into a periodic chart and it was adopted by most of the members of the Federation after its formation, except the Andorians, of course, who had independently devised an almost identical periodic chart. As mentioned previously, most element names are descriptive of some property of that element, although some of the later discoveries and artificially produced elements are named in honor of people and places, just as was the case on most worlds. The Transfermium Elements elements are simply numbered.

For historical accuracy and interest, we list in the chart below the elements in the atomic number order from the work of the great Vulcan chemist and physicist Saran t'Nelek, along with the abbreviations (atomic symbols) he established:

OHV Name	OHV Symbol	Atomic #	FSE Name
Masu-tukh	Ma	1	Hydrogen
Tahal-tukh	T	2	Helium
Pim-tukh	P	3	Lithium
Dzhan-tukh	Dzh	4	Beryllium
Rak-tukh	R	5	Boron
Nol-tukh	N	6	Carbon
Sov-tukh	Sv	7	Nitrogen
Esh-tukh	E	8	Oxygen
Hosh-tukh	H	9	Fluorine
Min-tukh	Mi	10	Neon
Alem-tukh	A	11	Sodium
Wal-tukh	Wl	12	Magnesium
Wan-tukh	Wn	13	Aluminum
Mazhiv-tukh	Mzh	14	Silicon

Yon-tukh	V	15	Phoenhorie
Vlau-tukh	VI	16	Sulfur
Laf-tukh	L	17	Chlorine
Im-tukh	I	18	Argon
Spoh-tukh	Sp	19	Potassium
Hinek-tukh	Hk	20	Calcium
Sak-tukh	Sk	21	Scandium
Vau-tukh	V	22	Titanium
Kaul-tukh	KI	23	Vanadium
Slau-tukh	SI	24	Chromium
Shel-tukh	ShI	25	Manganese
Shek-tukh	Shk	26	Iron
Pla-tukh	PI	27	Cobalt
Orn-tukh	Or	28	Nickel
Khaf-tukh	Kh	29	Copper
Tsau-tukh	Ts	30	Zinc
Bral-tukh	Br	31	Gallium
Tovek-tukh	Tv	32	Germanium
Gis-tukh	Gi	33	Arsenic
Volak-tukh	Vo	34	Selenium
Fnek-tukh	Fn	35	Bromine
L'langon-tukh	LI	36	Krypton
Gol-tukh	Go	37	Rubidium
Psal-tukh	Ps	38	Strontium
Arlanga-tukh	Ar	39	Yttrium
T'lai-tukh	TI	40	Zirconium
Lek-tukh	Lk	41	Niobium
Bulom-tukh	Bu	42	Molybdenum
Saran-tukh	Sr	43	Technicium
Soral-tukh	So	44	Ruthenium
Seleya-tukh	Se	45	Rhodium
Krak-tukh	Kk	46	Palladium
Haul-tukh	HI	47	Silver
Stal-tukh	St	48	Cadmium
Nuhsh-tukh	Nu	49	Indium
Zhai-tukh	Zh	50	Tin
Kra-tukh	Kr	51	Antimony
Vnel-tukh	Vn	52	Tellurium

Nach-tukh	Nch	Ɔ	Todine
Ritsuri-tukh	Ri	54	Xenon
Zhaimasu-tukh	Zm	55	Cesium
Zon-tukh	Z	56	Barium
Vrodak-tukh	Vr	57	Lanthanum
Pran-tukh	Pr	58	Cerium
Breth-tukh	Bth	59	Praseodymium
Dar-tukh	D	60	Neodymium
Thu-tukh	Th	61	Promethium
Bali-tukh	Ba	62	Samarium
Shanai-tukh	Shn	63	Europium
Tuvar-tukh	Tu	64	Gadolinium
Valsh-tukh	Va	65	Terbium
Khreit-tukh	Khr	66	Dysprosium
Te'Rikh-tukh	Tr	67	Holmium
Bal-tukh	B	68	Erbium
Irhin-tukh	Ir	69	Thulium
Sasal-tukh	Ss	70	Ytterbium
Kern-tukh	Ke	71	Lutetium
Dzhanya'an-tukh	Dn	72	Hafnium
T'Khut-tukh	Tkh	73	Tantalum
Ler-tukh	Lr	74	Tungsten
Ahahr-tukh	Ah	75	Rhenium
Um-tukh	Um	76	Osmium
Ahl-tukh	Al	77	Iridium
Taluhk-tukh	Ta	78	Platinum
Kin-tukh	Kn	79	Gold
Masumok-tukh	Mm	80	Mercury
Yad-tukh	Ya	81	Thallium
Ras-tukh	Rs	82	Lead
Grok-tukh	Gr	83	Bismuth
Yush-tukh	Yu	84	Polonium
Dvor-tukh	Dv	85	Astatine
Mozh-tukh	Mo	86	Radon
Uzh-tukh	Uzh	87	Francium
Stau-tukh	Sa	88	Radium
R'dahn-tukh	Rd	89	Actinium
Bogush-tukh	Bo	90	Thorium

Farak-tukh	F	Q1	Protactinium
Shu-tukh	Shu	92	Uranium
Surak-tukh	Su	93	Neptunium
Isbad-tukh	Is	94	Plutonium
Wuh-tukh	Wu	95	Americium
Dah-tukh	Da	96	Curium
Reh-tukh	Re	97	Berkelium
Keh-tukh	K	98	Californium
Kau-tukh	Ka	99	Einsteinium
Sheh-tukh	Sh	100	Fermium
Steh-tukh	S	101	Mendelevium
Oh-tukh	O	102	Nobelium
Nau-tukh	Na	103	Lawrencium
Leh-tukh	Lt	104	Rutherfordium
Leh-wuh-tukh	Lw	105	Dubnium
Leh-dah-tukh	Ld	106	Seaborgium
Leh-reh-tukh	Lh	107	Bohrium
Leh-keh-tukh	Lk	108	Hassium
Leh-kau-tukh	La	109	Meitnerium

Earth Sciences Page

Thalu t'Ek'Tra-Ek'Tallar

GEOLOGY, GEOPHYSICS & MINERALOGY

Solektra-tal - Solektra-tor-tal heh Ek'tukh-tal

The planet Vulcan (T'Khasi) is very dynamic and geologically diverse, especially in features related to vulcanism, deserts and wind erosion. Because it is an arid planet, some terms relating to water, certain types of erosion, features caused by conditions that don't exist on the homeworld, etc., were created by geologists and/or historians to describe ancient or prehistoric features. Later exposure to watery Class M planets also caused great expansion of this terminology.

Examples of Golic Vulcan vocabulary in these fields:

Ablation -- falkrashaya
 Abrasion -- grashaya
 Accretion -- fito'ovaya
 Active fault -- torupik dvun-zehl
 Active volcano -- torupik zul-kunel
 Adit -- ek'tukh-razh
 Aftershock -- pos-hutaya
 Alluvial fan -- ne-tin-sovek
 Alluvial placer -- ek'tukh-titaya t'ne-tin
 Alluvial plain -- ne-tin-eiktra
 Alluvium -- ne-tin
 Anticline -- abru-vul
 Aquifer -- masu-kovtra
 Arenaceous -- mazhiv-lef'es-kahk
 Argillaceous -- pid-krizhivik
 Arkose -- tashuhl-mazhiv-kov
 Arroyo -- pi'spathel
 Asbestos -- slah-kov
 Ash flow -- sposhan-vitush-yumaya
 Astrobleme -- skrash-kwul-razh
 Avalanche (rock only) -- kov-skish
 Avalanche (snow with or without rock) -- izh-skish
 Barchan -- dah-stonn-sef
 Basalt -- ushek
 Batholith -- neik-zul-kov
 Bauxite -- wan-tukh-van
 Beach placer -- ek'tukh-titaya t'shahov
 Bedrock -- nen-kov
 Bench -- pi'nef
 Bioclastic rock -- ha-zarahk-kov
 Boulder -- suk'kov
 Breccia -- zarahk-teret-kov
 Butte (non-volcanic) -- kunel
 Butte (volcanic) -- zul-kunel
 Caldera -- ne'hal-zul-razh
 Canyon -- spathel
 Cave -- tauk

Cavern -- suk'tauk
Chalk -- gav
Chert -- kohv-mazhiv-kov
Cinder cone -- vitush-kunel
Cirque -- ku-li-razh
Clay -- krizhiv
Cliff -- menal
Coal -- kastik-kov
Confluence -- teret-yumaya
Conglomerate -- teret-kov
Consanguinity -- teret-zulan'es
Consolidation -- lerashan
Continent -- ek'kovtra
Continental drift -- ek'kovtra-dvun
Corundum -- yon-khush
Crack -- treshaya
Crater, Impact -- kwul-razh
Crater, Volcanic -- zul-razh
Crest -- dan-pid-sfek
Crevasse -- glu-treshaya
Crevice -- treshaya
Crust -- si-kov-shal
Crystal -- khush
Crystalline -- khushik
Crystallization -- khushaya
Debris -- guhsh(-tukh)
Deposit -- titaya
Desert -- eshikh
Detritus -- thal-tukh
Diamond -- lerash-khush
Dike (lava) -- zul-mev
Displacement -- (solektra-)sa'dvun
Dolomite -- desh-tukh
Dormant volcano -- yukupik zul-kunel
Dune -- sef
Dune complex -- sef-travek
Effluent -- s'yumuk
Emerald -- yar-khush
Eruption (volcanic) -- zul-sposhan
Fault -- dvun-zehl
Feldspar -- tashuhl
Flint -- kil-tukh
Fossil -- vesht-ha-kov
Freshwater -- slor-masu
Fumarole -- fal-pa-razh
Galena -- ras-kov
Geosuture -- kovtra-ragel-shal
Geyser -- masu-pohshuk
Glacier -- dvun-le-sumatra
Gneiss -- thrakh
Graben -- dvun-zehl-treshaya
Granite -- zasuhl
Graphite -- lerash-nol-tukh

Gravel -- krus-kov
 Gravimeter -- ne-seshan-thonek
 Gravity -- ne-seshan
 Groundwater -- ne'rak-masu
 Guyot -- masutra-pa'ash-kunel
 Gypsum -- aukh
 Halite -- alem-kov
 Hammada -- salan-fleit-skonn
 Hardness -- lerash'es
 Hiatus -- tin-svi'shaya
 High plain -- pid-eiktra
 Highland(s) -- pid-shal
 Hill -- kunel
 Horizontal fault -- yutik dvun-zehl
 Horst -- dvun-zehl-shen
 Hydraulic action -- dvun-masu-torai
 Hydroclastic rock -- masu-torai-kov
 Hydrolith -- s'masu-kov
 Hydrologic cycle -- masu-da-nel
 Hydrothermal deposit -- fal-masu-titaya
 Igneous rock -- zul-kov
 In situ -- svi'rak
 Inclinator -- vul-thonek
 Influent -- vi'yumuk
 Inselberg -- sa'awek-koval
 Intermittent stream -- rilik pilash
 Intrusion -- vi'kwitaya
 Island -- vikuvtra
 Isthmus -- solektra-naf
 Jade -- yar-kov
 Karst plain -- bogosh-eiktra
 Knoll -- pi'kunel
 Laccolith -- patam-zul-koval
 Lahar -- fal-vrel-yumaya
 Lake -- suk'muzh
 Landslide (rock and soil) -- solek-skish
 Landslide (rock only) -- kov-skish
 Lava -- (si-)zul
 Lava flow -- zul-yumaya
 Lava lake -- zul-muzh
 Lava tube -- zul-ur
 Limestone -- vom-tukh
 Lithification -- kovtaya
 Lithosphere -- kov-ek'shal
 Littoral -- mashen-shahov-shal
 Loam -- makrizhiv
 Loess -- salan-sal-titaya
 Magma -- (tvi-)zul
 Magma chamber -- zul-tvi-shal
 Magnet -- seshan-kov
 Magnetic -- seshupik
 Magnetic anomaly -- seshupik flekh'es
 Magnetic field -- seshan-vunai

Magnetite -- seshan-tukh
 Magnetometer -- seshan-thonek
 Mantle -- tvi-kovtra
 Marl -- vom-krizhiv
 Mesa -- pa'ash-fiktra
 Metal -- mokev
 Metamorphic rock -- rubah-kov
 Mica -- timazh-kov
 Microseism -- ri-solektra-hutaya
 Mineral -- ek'tukh
 Mogote -- vom-kunel
 Monadnock -- haf-kunel
 Moraine -- kov-guhsh s'dvun-le-suma
 Mountain (non-volcanic) -- suk'kunel
 Mountain (volcanic) -- shi'yon (traditional), zul-kunel (geologic)
 Mountain chain -- kunel-maat
 Mountain range -- kunel-zehl
 Mountain system -- kunel-travek
 Mud -- vrel
 Mud flat -- vrel-eiktra
 Mudflow -- vrel-yumaya
 Mudstone -- vrel-kov
 Nappe -- kov-thalv
 Nematath -- zul-kunel-yut
 Nodule -- kov-dukal
 Nuée ardente -- zul-kunel-wan
 Oasis -- shi'masu
 Obsidian -- zul-makh
 Oblique-slip fault -- vul-dvun-zehl
 Ocean -- masutra
 Organic rock -- ha-guhsh-kov
 Orogeny -- kunel-storaya
 Outcrop -- nodahb
 Outgassing -- s'pataya
 Palisade -- masu-menal
 Pan -- lerakhovau-solek-tin
 Parent material -- tveshu-tukh
 Pebble -- pi'kov
 Pedogenesis -- solek-storaya
 Peneplain -- nen-eiktra
 Peneplanation -- nen-eiktra-skrashaya
 Permeable -- sanek-yehat
 Permineralization -- kovtaya
 Permissive intrusion -- vath-zul-vi'kwitaya
 Petrification -- kovtaya
 Petrified -- kovtulik
 Petrogenesis -- kov-storaya
 Petroglyph -- kov-kitaya
 Petroleum -- ek'elmin
 Phacolith -- zul-vulaya-koval
 Phreatic cycle -- da-nel t'masu-tin
 Phreatic water -- ne'rak-masu
 Phytolith -- kastik-guhsh-kov

Piedmont alluvial plain -- ne-tin-eiktra t'kunel-nen
 Piedmont glacier -- dvun-le-sumatra t'kunel-nen
 Piedmont terrace -- nef t'kunel-nen
 Piezoelectric effect -- dau t'khush-raf-tepul
 Pinch-out -- tin-spoh
 Pingo -- le-suma-kunel
 Pinnacle -- kov-suk'fek
 Pitchblende -- nesh-shu-kov
 Placer -- ek'tukh-titaya
 Plain -- eiktra
 Planation -- eiktra-skrashaya
 Plate -- kovtra
 Plate boundary -- ragel-zehl t'kovtralar
 Plateau -- pasutra
 Playa -- eshikh-eiktra
 Playa lake -- eshikh-suk'muzh
 Pluton -- glu-zul-koval
 Pond -- muzh
 Porphyry -- khush-zul-kov
 Primary magma -- glu-zul
 Primary mineral -- wuh'rak-ek'tukh
 Puddle -- pi'muzh
 Pumice -- markau-zul-kov
 Pyroclast -- thorshau-zul-krus
 Pyroclastic flow -- sposhan-vitush-yumaya
 Pyroclastic material -- thorshau-zul-tukh
 Pyroclastic rock -- thorshau-zul-kov
 Pyrogenesis -- zul-storaya
 Quartz -- kohv-tukh
 Quicksand -- ne-hal-mazhiv
 Radioactive -- galu-sayuk
 Recession -- s'trashan
 Regolith -- nen-kov-guhsh
 Ridge -- kov-zehl
 Rift valley -- kovtra-ku-li
 River -- pilash
 Rock -- kov
 Rock mass -- koval
 Rock pedestal -- patam-koval
 Ruby -- yon-ek'zer
 Sabkha -- alemtra
 Salt lake -- alem-suk'muzh
 Sand -- mazhiv
 Sandstone -- mazhiv-kov
 Sapphire -- pla-khush
 Savannah -- yartra
 Scree -- kov-guhsh
 Scoria -- nala-zul-kov
 Seamount -- masutra-kunel
 Secondary mineral -- dah'rak-ek'tukh
 Sediment -- ne'ti-tukh
 Sedimentary rock -- ne'ti-kov
 Seismograph -- solektra-hutaya-besan

Seismometer -- solektra-hutaya-thonek
 Shale -- tin-kov
 Shoal -- ne'ti-hoknaya
 Shore -- gef
 Shoreline -- gef-zehl
 Sill -- shal-zul-kov
 Silt -- kitek
 Slate -- kitau-kov
 Soil -- solek
 Soil horizon -- ragel-zehl t'solek
 Soil profile -- solek-ek'tin
 Sounding sand -- ralash-mazhiv
 Speleothem -- tauk-titaya
 Stalactite -- ne'to'ovaya
 Stalagmite -- abru'to'ovaya
 Steppe -- psethtra
 Stone -- kov
 Strait -- masu-naf
 Stratification -- (kov-)tintaya
 Stratum -- kov-tin
 Striation -- zehl-ulidar
 Subduction -- kovtra-ne-dvun
 Summit -- dan-pid-sfek
 Syncline -- ne-vul
 Tablemount -- masutra-pa'ash-kunel
 Talus -- menal-guhsh(-tukh)
 Talus-creep -- menal-guhsh-dvun
 Tar -- leralmin (old contraction of "lerash-elmin")
 Tar pit -- leralmin-razh
 Tektite -- makh-vihk
 Tephra -- thorshau-zul-tukh
 Terrace -- nef
 Texture -- lef'es
 Topsoil -- skonn-solek
 Tributary -- yemek
 Tuff -- vitush-kov
 Tundra -- samek-psethtra
 Unaka -- suk'haf-kunel
 Uraninite -- shu-kov
 Vertical fault -- abru'lik dvun-zehl
 Valley -- ku-li
 Volcanic ash -- sposhan-vitush
 Volcanic bomb -- sposhan-vihk
 Volcanic chain -- zul-kunel-zehl
 Volcanic cloud -- sposhan-wan
 Volcanic crater -- zul-razh
 Volcanic ejecta -- thorshau-zul-tukh
 Volcanic eruption -- zul-kunel-sposhan
 Volcanic glass -- zul-makh
 Volcanic sand -- zul-mazhiv
 Volcanic vent -- zul-ru'lut
 Volcano -- shi'yon (traditional), zul-kunel (geologic)
 Vug -- kov-razh

Water table -- masu-tin
 Weathering -- igen-vashan
 Xenolith -- vi'kwitau-kov
 Yardang -- salan-kov-zehl

METEOROLOGY & CLIMATOLOGY

Igen-va-tal heh Ek'nosh-tal

The planet Vulcan is a very arid planet with a relatively thin atmosphere and very little atmospheric moisture. Millions of years ago, the planet had much more oxygen and water in its atmosphere, and surface water was more common. As the planet dried out, the climate has stabilized into a fairly uniform temperature range with little seasonal variation. Although the weather of Vulcan is not nearly as diverse as that of other planets, it is still possible to experience some precipitation, violent wind and sand storms, and electrical activity. Since becoming a highly technical race, the Vulcans no longer have to worry about the scarce natural water resources which caused more than one catastrophic war in their past. Water is freely available now through atmospheric engineering, chemical manufacture or replication.

Examples of Golic Vulcan vocabulary in these fields:

Absolute humidity -- ek'esik masu'es
 Acid rain -- sash-sov-masu
 Adiabatic -- ri-falek'es-rubahk
 Adiabatic lapse rate -- sov-shen-tav ri-falek'es-rubahk
 Advection -- sov-abru'lik-dvun
 Air mass -- sovtra
 Airflow -- sov-yumaya
 Altitude -- sov-pidek
 Altocumulus (cloud) -- pid-tra-wan
 Altostratus (cloud) -- pid-tin-wan
 Anabatic -- abru-dvunik
 Anticyclone -- vath-sov-dan
 Atmosphere -- igen-tukh
 Atmospheric motion -- sov-dvun
 Atmospheric pressure -- sov-ne'hish
 Atmospheric water -- sov-masu-nakh
 Aurora -- igen-gellar
 Barometer -- sov-ne'hish-thonek
 Blizzard -- izh-sahriv
 Breeze -- pi'salan
 Chinook (wind) -- lamekh-suk'kunel-salan
 Circulation -- (sov-)da-kuvaya
 Cirrocumulus (cloud) -- tra-tcha-wan
 Cirrostratus (cloud) -- tin-tcha-wan
 Cirrus (cloud) -- tcha-wan
 Climate -- ek'nosh
 Climatic change -- ek'nosh-rubah
 Climatic trend -- ek'nosh-venek
 Cloud -- wan
 Cloud bank -- wantra
 Cloud cover -- wan-wein
 Cold front -- samek-praduk
 Condensation -- sa-sov-saya
 Condensation nucleus -- svitan-vel t'sa-sov-saya

Convection -- da-kuv-falek'es
 Convergence -- steraya
 Cryosphere -- le-suma-ek'shal
 Cumulonimbus (cloud) -- tra-masu-wan
 Cumulus (cloud) -- tra-wan
 Cyclone -- suk'sov-dan
 Depression -- neik-shal
 Desertification -- eshikhaya
 Dew -- asal-masu
 Dewpoint -- asal-masu-sfek
 Divergence -- ri-steraya
 Drop (rain, etc.) -- thek
 Droplet -- pi'thek
 Drought -- pseth-wak-krus
 Dust storm -- grazhiv-sahriv
 Electrostatic charge -- shi-raf-falun
 Evaporation -- na-sovaya
 Exosphere -- si-ek'shal
 Fog -- ihsek
 Fog-drip -- ihsek-masu
 Föhn (wind) -- lamekh-suk'kunel-salan
 Freeze (v.) -- le-sumau
 Freezing level -- vok t'le-sumaya
 Freezing nucleus -- svitan-vel t'le-sumaya
 Front -- praduk
 Frost -- le-suma-tin
 Glaciation -- le-suma-wein
 Glacier -- Dvun-le-sumatra
 Greenhouse effect -- falek-pash-daya
 Greenhouse gas -- pa-tukh t'falek-pash
 Hail(stone) -- masu-kov
 High pressure -- pid-ne'hish
 Humidity -- sov-masu'es
 Hurricane -- suk'masutra-eshu'a
 Hydrologic(al) cycle -- masu-da-nel
 Hygrometer -- sov-masu-thonek
 Hygroscopic nucleus -- svitan-vel t'masu-shidau
 Ice -- le-suma
 Ice age -- le-suma-pal
 Instability -- ri-fihet'es
 Ionization -- falun-shetaya
 Ionosphere -- falun-shetau-ek'shal
 Isobar -- ka-ne'hish-zehl
 Isotherm -- ka-falek'es-zehl
 Lee wave -- hayal-sov-pral
 Lightning - igen-wesh
 Low pressure -- neik-ne'hish
 Magnetosphere -- seshan-ek'shal
 Mesosphere -- svitan-sov-ek'shal
 Moisture -- masu'es
 Nimbostratus (cloud) -- tin-masu-wan
 Orographic cloud -- suk'kunel-wan
 Pluvial -- sov-masupik

Precipitation -- sa-sovaya
 Rain -- sov-masu
 Rime -- ihsek-le-suma
 Sandstorm -- mazhiv-sahriv
 Sirocco -- eshikh-salan
 Snow -- izh
 Snow level -- izh-vok
 Snowstorm -- izh-sahriv
 Storm -- sahriv
 Stratocumulus (cloud) -- tin-tra-wan
 Stratosphere -- pid-sov-ek'shal
 Stratus (cloud) -- tin-wan
 Supersaturation -- dan-vi-mashaya
 Thermosphere -- si-falek-ek'shal
 Thunder -- rahm
 Thunderstorm -- rahm-sahriv
 Tornado -- da-eshu'a
 Troposphere -- igen-va-ek'shal
 Typhoon -- suk'masutra-eshu'a
 Waterspout -- masutra-eshu'a
 Weather -- igen-va
 Wind -- salan
 Wind shear -- salan-eitaya
 Windstorm -- salan-sahriv

OCEANOGRAPHY & MARINE BIOLOGY

Masutra-tal heh Masutra-ha-tal

Despite the fact that the planet Vulcan hasn't had any oceans for millions of years, the Vulcans developed a vocabulary of oceanographical terms from geologists' needs to describe discoveries about the planet's past. Vulcan does have several seas, similar in size to the Great Lakes of Earth's North America and smaller lakes. Later settlement of colony planets with oceans and even later exploration of watery Class M planets as members of the Federation, led to further development of these terms.

One curious detail is that most Vulcans have an in-born aversion to water and are not comfortable swimming or diving. Medical researchers believe this is due to two factors: Large enough bodies of freshwater to swim in have been rare since prehistoric times and the density of Vulcan tissues makes them non-buoyant, making swimming at the surface very strenuous. This aversion to water has disappeared in those beyond the third generation of Vulcan colonists of watery worlds and with those Vulcan offshoots, the Romulans.

Examples of Golic Vulcan vocabulary in these fields:

Abyssal-benthic zone -- glu-gosh-shal
 Archibenthic zone -- gan-gosh-shal
 Algae -- smol
 Anadromous -- zalmatrupik
 Archipelago -- vikuvtra-travek
 Backshore -- pid-shahov
 Backwash -- s'yumaya
 Bathyal zone -- glu-masutra-shal
 Bathymetry -- glu-masutra-thonaya
 Bathyscaph -- glu-masutra-hali
 Bathysphere -- glu-masutra-vel
 Bay -- tchol

Beach -- shahov
 Beach cusp -- dah-stonn-pi'sef (t'shahov)
 Benthic zone -- glu-masu-shal
 Benthos -- ha-vellar t'masu-lan-tol
 Biomass -- hatra
 Bore -- pilash-mashen-pral
 Breaker -- kik-pral
 Catadromous -- yolmatrupik
 Cay -- neik-vikuvtra
 Coast -- gef
 Cove -- pi'tchol
 Current -- masutra-pilash
 Deep-sea (system) -- gosh-glu'es
 Diurnal intensity -- gadik flan'es
 Ebb tide -- ne'le-mashen
 Eulittoral zone -- gan-gef-shal
 Gulf -- suk'tchol
 Guyot -- masutra-pa'ash-kunel
 High tide -- pid-mashen
 High-water interval -- svi-wak t'pid-masu
 Hurricane -- suk'masutra-eshu'a
 Hydrometer -- masu-thonek
 Hydrosphere -- masu-ek'shal
 Ice floe -- le-suma-markaya
 Ice shelf -- le-suma-eiktra
 Iceberg -- le-suma-vel
 Island -- vikuvtra
 Isthmus -- solektra-naf
 Key -- neik-vikuvtra
 Lagoon -- masutra-muzh
 Littoral (system) -- gef-glu'es
 Low tide -- neik-mashen
 Low-water interval -- svi-wak t'neik-masu
 Manganese nodule -- kov-dukak t'shel-tukh
 Mud flat -- vrel-eiktra
 Neap tide -- dan-neik-mashen
 Nekton -- numo-mahal-vel t'masutra
 Neritic -- be-gefik
 Ocean -- masutra
 Ocean trench -- (masutra-)glu-spathel
 Oceanic -- sa-gefik
 Offshore bar -- gef-mazhiv-zehl
 Pack ice -- le-suma-teraya
 Pelagic -- masutrupik
 Phytoplankton -- masutra-numo-kastik
 Plankton (in general) -- numo-ha-vel t'masutra
 Range of tide -- mashen-na-sa
 Salinity -- alemik'es
 Saltwater -- alem-masu
 Sand -- mazhiv
 Sand bar -- mazhiv-zehl
 Sea -- masutra
 Sea breeze -- masutra-pi'salan

Sea cliff -- masutra-menal
Seafloor -- masutra-tol
Seamount -- masutra-kunel
Shoal -- ne'ti-hoknaya
Shore -- gef
Shoreline -- gef-zehl
Slack water -- mashen-shom
Spawning -- yu-mur-titaya
Spring tide -- dan-pid-mashen
Storm surge -- sahriv-tral
Strait -- masu-naf
Subduction zone -- ne-dvun-shal
Sublittoral zone -- glu-gef-shal
Submarine canyon -- (masutra-)glu-spathel
Submarine plateau -- (masutra-)glu-pasutra
Surf (zone) -- pral-shal
Swash -- na'yumaya
Swash mark -- na'yumaya-zehl
Thermocline -- masu-falek-tin
Tidal current -- mashen-pilash
Tidal flat -- mashen-eiktra
Tide -- mashen (old contraction of "masu-shen")
Tsunami -- khrash-pral
Typhoon -- suk'masutra-eshu'a
Upwelling -- (masu-)abru-dvun
Waterspout -- masutra-eshu'a
Wave -- pral
Zooplankton -- masutra-numo-aushfa

Medical Sciences

Introduction to Vulcan Physiology

Vulcanoid species make up nearly one third of the population of the Federation. Although "vulcanoid" has had different meanings, the definition in The Unabridged Federation Standard Dictionary is "a being similar in physical form and chemical makeup to the dominant humanoid lifeform on the planet Vulcan and its colonies, hence derivation of the term . . ." The Romulans are actually the descendants of Vulcan emigrants, so for all intents and purposes, a description of Vulcan physiology will fit the Romulans as well.

For many years, it was believed that there was only one fairly homogenous race of Vulcans, so it was a great surprise when much darker Vulcans were first seen many years after Vulcan helped to create the United Federation of Planets (UFP). Indeed, The Star Fleet Medical Reference Manual (ISBN 0-345-27473) states that there is only one race of Vulcans because Star Fleet Medical had no knowledge to the contrary at the time. Explanations have been vague and it is thought that these "dark Vulcans" are from a minority race that has historically been a private, possibly xenophobic cultural subgroup. Because of certain privacy clauses in the Vulcan UFP membership agreement, the details behind the "second race" of Vulcans is unknown. It could be argued successfully that the Romulans form a separate race of Vulcans as well, because of physiological changes which have occurred due to differing climatic influences and probable genetic engineering programs in centuries past.

General Body Size & Shape

The Vulcans of T'Khasi are generally a tall, thin people, falling in the upper average height range for humanoid/vulcanoid species. Adult males average between 6'-6'7" (1.8-2.0 m) in height, adult females 5'7"-6' (1.7-1.8 m). Weight is commensurate with height and build, although Vulcans weigh slightly more than expected due to tissue density. Muscle density and strong attachment to the skeletal structure make Vulcans much stronger for their size than most humanoids. Vulcans display a natural ability in many athletic events and martial arts. Their tall, thin body structure also aids in the dispersion of heat, the same as that of the similar body structure found in desert-dwelling aborigines on many worlds, including Earth.

Vulcan Biochemical Makeup

The biochemical makeup in Vulcans of T'Khasi and its colonies is very similar to that in many humanoid and especially vulcanoid species of known space. At the cell nucleus level can be found DNA and chromosomal structures similar to most humanoid/vulcanoid races, giving strong support to the theory that life throughout the Milky Way Galaxy had a common source untold billions of years ago. "Species seeding" also was apparently carried out by an ancient super-race of beings, often called The Preservers. Since vulcanoid species appear throughout the galaxy, it is obvious that some process led to this occurrence but an answer is unknown. T'Khasi is considered the evolutionary and genetic source for all known vulcanoids, because the Vulcans are genetically related to all other lifeforms on their planet, whereas the vulcanoids on many other worlds have turned out to have alien DNA.

The blood of most vulcanoids, including the T'Khasi Vulcans, is made up of hemoglobin based on copper. (Several primitive vulcanoid species have been discovered with iron-based hemoglobin, just like that of most other humanoids, but we will not discuss that any further here.) This copper-based blood is most obvious from its green color, which also tints the tissues of Vulcans greenish, much like the iron-rich red blood of many other races tints their tissues a pinkish or reddish color. Having copper-based blood aids in the utilization of oxygen under the low atmospheric pressure and low oxygen conditions on T'Khasi. The Vulcan

blood cells have a double-convex form, which in addition to helping to maximize oxygenation, also aids in cooling each blood cell, the blood stream, and ultimately the entire body. A lot of the waste heat conducted by blood cells is transferred into the lungs during respiration, thus making the exhaled breath of Vulcans fairly hot under most conditions, especially during exertion.

Vulcan Senses

Sight -- as in most humanoid/vulcanoid species, Vulcans have a forward-facing, stereoscopic pair of eyes. Each eye is protected by a clear inner eyelid or nictating membrane (*tvi-wein t'bezhun*) that helps filter out harmful radiation, heat and dust. Vulcan vision is less acute in bright light, while their night vision is more acute. This is thought to be due to the fact that the Vulcans descended from nocturnal predatory "cat-apes". As in most very hot and arid climates, most life on Vulcan was and is nocturnal, sheltering from the blistering heat during the day and only coming out during cooler temperatures at night. Because of their eyes, Vulcan living accommodations or vessels are much more dimly lit than those of most other species. Most Vulcans find the lighting of standard Star Fleet vessels on the bright side, although they find the lighting of Romulan or Klingon vessels comfortable. It has recently been discovered that many Vulcans serving on mixed Star Fleet vessels wear a type of tinted, polarizing contact lens to enable them to work without unnecessary and unhealthy eye strain.

Hearing -- as in most humanoid/vulcanoid species, Vulcans have a pair of ears on each side of their heads. The ears of most vulcanoids are very distinctive in that the top of the external ear structure tapers into a clearly defined point. This is the case with the T'Khasi Vulcans and their descendants. There appears to be a clear sexual dimorphism in ear shape, with males tending to have bigger ears with more prominent points. It has long been suspected that some Vulcans cosmetically alter the shape and angle of their ear tips to conform to an aesthetic standard. This may be supported by the fact that certain societal outcasts, Vulcans who chose to live a non-technical, traditional life, and members of certain monastic groups seem to have much longer, and often curved, ear tips. The hearing of the Vulcans, and indeed that of most vulcanoids, is very acute under most conditions. While the Vulcan low frequency hearing range is nearly identical to humans, their high frequency hearing range is significantly higher. This is to be expected in beings descended from predatory, nocturnal creatures living in a thin atmosphere.

Smell -- the size and shape of the nose of Vulcans conforms to the normal range of most humanoid/vulcanoid species. Because of their evolution in a hot, arid environment, though, the nose of the Vulcans has become highly adapted to filtering dust and sand from the air during inhalation, and minimizing moisture loss during exhalation. Because the sinus spaces of the Vulcans contain moisture-reclaiming cells in place of what would be a large number of olfactory cells in other beings, the sense of smell of Vulcans is not nearly as acute as that of most other humanoid species.

Taste -- the size and shape of the tongue of Vulcans conforms to the normal range of most humanoid/vulcanoid species. Unfortunately, due to the fact that taste is related to the sense of smell, Vulcans have a well-known lack of taste sensation. Vulcans are especially weak in tasting sweet things, although their sense of taste for salty and bitter things is relatively good. In order to enjoy the taste of things, Vulcans have historically tended to highly spice or season their foods. Some traditional Vulcan dishes are nearly impossible to eat by other humanoids.

Touch -- as is the case with most vulcanoid species, the Vulcans have a very acute sense of touch in all its forms, especially heat, pressure and texture. Vulcans are tactile beings by nature but must, by necessity, limit their contact with living beings because of their innate telepathic abilities. One of the strongest taboos in Vulcan culture is making uninvited physical contact. Even husbands and wives often only touch each other with one or two fingers at most in day-to-day situations. Contact such as hand-holding, hugging or kissing is unknown in civilized Vulcan behavior. It is only accepted and considered normal for infants and toddlers to make much physical contact with others. Unfortunately, it is the normal behavior of most humanoids to grasp hands, embrace, or make other such physical contact during greeting and conversation. This behavior is very

uncomfortable and even distasteful to Vulcans, but they have learned to bear it as the price of living and working with non-Vulcans.

Body Organs & Systems

Skin -- the epidermis of Vulcans, unlike that of many other humanoids, is a twin-featured moisture-proof barrier to prevent dehydration. Vulcans lack sweat glands as an evolutionary development to conserve moisture in an extremely hot, arid climate. Excess heat is drawn away by the blood to be exhaled or stored and radiated from the skin when external temperatures are lower. This is why Vulcans have a very warm breath and their skin is almost hot to the touch under most conditions. Another difference in the skin of Vulcans is the fact that, even though the skin does not give off moisture, it can directly *absorb* moisture from the surroundings if there is any. In prehistoric times, Vulcans would stand in rare fog or rainfalls nude to maximize absorption of precious water that the body then stored. This technique is taught to the present day as a survival tool.

Brain -- externally, it is difficult to tell the Vulcan brain from that of most sentient humanoid/vulcanoid species. Of course, if a human and Vulcan brain were set side by side, it would be possible even for a layman to tell which was which simply by color -- the human brain is greyish with a pink tinge, whereas the Vulcan brain is greyish with a green tinge. A normal Vulcan brain is about 1600 cc in size, practically identical to that of humans. The olfactory center of the Vulcan brain is smaller due to function (see the "Nose" section above), while the Vulcan mid-brain is somewhat larger and more convoluted than that of a human, explaining the telepathic powers all Vulcans possess to one degree or another. Unlike the early medical knowledge of many humanoid/vulcanoid species, which centered the mind in various parts of the anatomy, as far back as their history is recorded, Vulcans knew the brain was the site of thoughts, memories, knowledge and emotions.

Heart -- the Vulcan heart is located approximately where one would expect to find the liver in most humanoids. It is believed that the Vulcan heart was displaced to allow additional space for the lungs which, by necessity, are somewhat larger in order to extract sufficient oxygen from a thin atmosphere. In order to protect the heart region, cartilaginous ribs extend lower on the torso of a Vulcan. Another consequence of the position of the heart and lower ribs is that the fetus is carried quite low in Vulcan women, often causing discomfort for most of the pregnancy. The adult Vulcan heart rate is approximately 240 beats per minute and normal blood pressure is 80/40, both far from the norm of most humanoids. The Vulcan heart is larger than humanoid/vulcanoid average for body size due to the increased workload of the heart in not only circulating blood to feed the tissues and remove wastes, but also to aid in the cooling of the body.

Liver -- the Vulcan liver is much smaller than that of most humanoids because many of the functions it has in other humanoids is done elsewhere in the Vulcan body. For example, the Vulcan kidneys not only filter fluids, they filter out and store certain substances. Other parts of the digestive and circulatory systems also have additional functions.

Kidneys & Bladder -- in some ways the kidneys of the Vulcan are more important than any other organ, since they manage the body's water retention system. In pre-technical times, kidney disease was the number one medical condition that caused a premature death, whereas cancers or heart disease were the cause in most other humanoids. The Vulcan urinary system passes slightly less than half of all water taken into the body, while the rest is recycled. This is an adaptation to life on a very dry, arid planet where water is rarely found in its natural state. The urine of Vulcans is relatively thick and viscous, actually more like an oil than a watery liquid. The Vulcan bladder can hold urine for a number of days, unlike the bladders of most humanoids which have to be drained at least once a day and usually more often. The lining of the bladder also plays a small part in retrieving some water before the urine is finally eliminated.

Stomach & Digestion -- as with all known true humanoid/vulcanoid beings, Vulcan digestion begins in the mouth with the chewing of food and its mixture with saliva. As part of their evolutionary development to

conserve moisture, Vulcans do not salivate from emotional or external sensual cues. Food has to actually be in the mouth being chewed before saliva will be released. After swallowing, the food bolus travels down the esophagus to the stomach with peristaltic contractions. The esophagus is separated from the stomach by the esophageal valve ("cardiac sphincter" in humans). The Vulcan "stomach" is actually two joined chambers -- the first section is a spherical muscular object and the second section is a flattened oval object. The two sections are separated by the first pyloric valve. In the first stomach, the undigested food is mixed with acids and enzymes, then subjected to vigorous muscular contraction until it is broken down into a mash. After formation of this mash, the first pyloric valve opens and the contents enter the second stomach. The first valve closes, as well as a second pyloric valve at the posterior end, if not already closed. The second stomach is where the mash from the first stomach is subjected to more intense acids, bile and enzymes, quickly reducing the contents to their basic components. After digestion is complete, the second pyloric valve opens and the soupy mixture enters the intestine where absorption of nutrients and water takes place.

Because civilized Vulcans have been vegetarians for many centuries, most Vulcans are unable to digest meat products of any kind should a survival situation require it. Most Vulcan first aid or survival kits contain packets of oral enzyme supplements for use in such emergencies. Replicated meat substitutes, based on plant proteins, do not require such supplements.

Intestine & Excretion -- the intestine of the Vulcans plays the same role as it does in all lifeforms with one, absorbing nutrients and water, and packaging wastes for excretion. The intestine of Vulcans is very simple compared to those of most humanoid species. Instead of a complicated system of duodenum, jejunum, ileum, and large intestine, the Vulcans only have a continuous coil of intestine that is a blend of features from the small and large intestines of other humanoids. The Vulcans do not possess an appendix. As with all Vulcan body systems, the intestine of the Vulcan body is very efficient, and the feces that is eliminated is a fairly dry, compact mass. Diarrhea, although very rare, will kill a Vulcan much quicker than most humanoids, unless copious amounts of water are ingested immediately to replace what is lost. According to the Vulcans, constipation and hemorrhoids are unknown to them, although Federation medical experts are dubious of this claim, despite never encountering either condition in a Vulcan to date!

Reproductive Systems -- as with the vast majority of known humanoid/vulcanoid beings, the Vulcans are differentiated into male and female genders. In response to extreme environmental conditions, where mortality is high, all native T'Khasi animal life, including the Vulcans themselves, can breed at any time during the year. The Vulcan female is always fertile. The Vulcan male can mate at any time, but *must* mate every 7 years during *pon farr* or he will die. Vulcans will not readily discuss this subject with non-Vulcans, but Federation doctors and biologists have noted this 7-year cycle in all Vulcan animal life to one extent or another. It is now believed that all Vulcan life was synchronized in this 7-year cycle at some point in the very distant past. Astronomers have noted a 7-year cycle of solar activity in the Vulcan star system and it is believed that animal life on T'Khasi evolved to breed without fail during this time of especially low solar activity when radiation levels of all kinds were at their lowest.

The Vulcan male reproductive organs parallel those of most other known humanoid/vulcanoid beings. The Vulcan penis is an erectile structure without external sheath or foreskin, therefore Vulcans have no need for circumcision. As part of the evolutionary process of T'Khasi life, the male organ is almost fully retracted into the body when not in use as a protective measure. Vulcans also have two testes in a scrotal structure that is close to the body, not pendulous, and a prostatic body that produces and stores seminal fluid. Once ejaculated, the sperm of Vulcans is viable for a maximum of about 30 hours before losing mobility. It is believed that Vulcan males remain fertile during their entire adult life.

The Vulcan female reproductive organs also closely parallel those of other known humanoid/vulcanoid beings. They are comprised of a vagina, uterus and ovaries. There are no lengthy uterine or Fallopian tubes in Vulcan women; the ovaries are directly connected to the uterine body by short ducts. As part of the evolutionary process to conserve body water, Vulcan women do not menstruate. Ovulation occurs each month from alternate ovaries. The ovum enters the uterus usually in less than a day, where it remains awaiting fertilization. If no fertilization takes place within 10-14 days, the ovum deteriorates and its

substance is absorbed into the uterine lining. Should fertilization occur, the blastocyst will implant itself in the uterine wall and hormones will activate formation of a placenta. Growth and development of a fetus will occur within the uterus with delivery being made through the vagina. The need for Caesarian types of deliveries, although rare, is not unknown to Vulcans. Twinning is very rare in Vulcans, probably as a consequence of evolving on a planet where scarce resources would favor only survival of one infant at a time. Fraternal twins are exceedingly rare, whereas identical twins are the norm. Multiple births beyond three are unheard of. The idea of giving birth to multiple children is considered repugnant to most Vulcans and may be innate. It is unknown how long Vulcan females remain fertile, although it is believed that it lasts well into maturity. Vulcan women on T'Khasi rarely have more than two children in a lifetime, unless they need to replace a child that died, but Vulcans on colony worlds are known to have as many as five children.

Medical Terminology Has-Zhilikam

Examples of disciplines in the medical sciences:

Anatomy -- Vukhut-tal
 Anesthesiology -- Kashan-ne-tal
 Angiology -- Vukhut-mev-tal
 Audiology -- Ralash-tal
 Biochemistry -- Ha-meil-tal
 Biophysics -- Ha-tor-tal
 Cardiology -- Khaf-spol-tal
 Cytology -- Nala-tal
 Dermatology -- Wadi-tal
 Epidemiology -- Has-sak-tal
 Ergonomics -- Zup-dvun-tal
 Eugenics -- Tash-noshtra-tal
 Gastroenterology -- Skaun-ek'ur-tal
 Genetics -- Tol-tal
 Geriatrics -- Shakhu-tal
 Gerontology -- Shakhuvaya-tal
 Hematology -- Khaf-tal
 Hepatology -- Nehasamek-tal
 Histology -- Numo-kelek-tal
 Kinesiology -- Vukhut-dvun-tal
 Microbiology -- Numo-ha-tal
 Mycology -- Luk-tal
 Neonatology -- Uzh-keshtu-tal
 Nephrology -- Kapol-nafek-tal
 Oncology -- Gnal-tal
 Osteology -- Hinek-tal
 Pathology -- Has-tal
 Pharmacology -- Haseret-tal
 Physiology -- Is-lof-tal
 Proctology -- Pekh-vat-tal
 Psychiatry -- Kashkau-tal
 Psychology -- Klosehai-tal
 Toxicology -- Gisam-tal
 Urology -- Vazh-ek'ur-tal

Examples of Golic Vulcan medical sciences terminology:

Abdomen -- feshek
 Abduction -- sa-dvunel
 Ablactation -- pehk-thasaya
 Ablepharia -- fam-bezhun-wein
 Ablutophobia -- wu'sibau-pthak
 Abnormal -- ritsuri
 Abrachia -- fam-karlar
 Abrasion -- grashaya
 Absorption -- vi-seshaya

Abscess -- pi'tak
 Acataphasia -- rish-nahp-nosh
 Accretion -- fito'ovaya
 Acerophobia -- sfith-pthak
 Ache (n.) -- sut
 Achluophobia -- mu'gel-pthak
 Achromasia -- spoh-wadi-nosh
 Acidemia -- pid-sash-nosh
 Acidity -- sash'es
 Acidosis -- ritsuri-sash-nosh
 Acousticophobia -- ralash-pthak
 Acrophobia -- pidek-pthak
 Actinomycosis -- halek-talvot-has
 Acuity -- zat'es
 "Acupria" (Vulcan counterpart to anemia) -- fam-khaf-meil
 Addiction -- tessaya
 Adduction -- na-dvunel
 Adenoid -- za-han-pi'nafek
 Adhesion -- terpaya
 Adipose tissue -- thel'upik nalatra
 Adrenal gland -- abru-kapol-nafek
 Aerate -- sov-tan-tor
 Aerobe -- sov-ha-vel
 Afebrile -- fam-tau
 Agalactia -- fam-thas-nosh
 Agglutinin -- vihk-tukh
 Agglutininogen -- vihk-tukh-torek
 Aging -- shakhuvaya
 Agnosia -- fam-naglashaya-nosh
 Agoraphobia -- tu'ashal-pthak
 Agraphia -- fam-kitaya-nosh
 Agrizoophobia -- kwai-aushfa-pthak
 Aichmophobia -- sfek-vel-pthak
 Air embolism -- sov-mev-klotaya
 Air sickness -- hash-has-mar
 Airway -- esh-mev
 Airway obstruction -- esh-mev-klotaya
 Akinesia -- fam-dvunel-nosh
 Albinism -- fam-kur-nosh
 Albino -- fam-kursu
 Albumin -- tesihk
 Alcohol -- naliveh
 Algophobia -- kusut-pthak
 Alimentary canal -- skaun-ek'ur
 Alkalemia -- pid-sovash-nosh
 Alkalosis -- ritsuri-sovash-nosh
 Allele -- tol-shid
 Allergy -- tehn-folaya
 Alogia -- pak t'stariben-kup'es
 Alopecia -- isachaya-pak
 Alveolus -- esh-nala
 Amastia -- fam-thasek-nosh
 Amathophobia -- grazhiv-pthak

Ambient -- pa-noshik
Ambulatory -- kup-lates-tor
Ambulophobia -- lates-pthak
Amino acid -- sash t'ha-torek
Amniocentesis -- sudef-masu-nisan
Amniotic fluid -- sudef-masu
Amniotic sac -- sudef-masu-sa'haf
Amorphous -- fam-shidik
Amputation -- sanesh
Amychophobia -- thesh-pthak
Amyoplasia -- fam-dvunek-storaya
Amyotrophia -- dvunek-pak-nosh
Anabolism -- torvau-torek
Anaphylactic shock -- pid-folau-kolaya
Ancraophobia -- salan-pthak
Androgen -- dau-tukh t'sa-noshtra
Androphobia -- sasu-pthak
Anemia -- fam-khaf-meil
Anesthesiologist -- kashan-nesu
Anesthetic -- kashan-ne-meil
Aneurysm -- khaf-mev-eikan
Angiologist -- vukhut-mevsu
Angioma -- mev-gnal
Ankle -- mal-nik
Anorchia -- fam-sakal-nosh
Anosmia -- fam-frish-nosh
Anovulation -- fam-yukaya
Anoxia -- fam-esh-tukh
Antacid -- tehn-sash-meil
Anterior -- khom'rak
Anthrophobia -- svai-pthak
Antibiotic -- tehn-talvot-tukh
Antibody -- fosh-galutravek
Anticoagulant -- tehn-vihk-tukh
Antidote -- tehn-gisam-tukh
Antiemetic -- tehn-slakh-tukh
Antigen -- tehn-vel
Antimycotic -- tehn-luk-tukh
Antipruritic -- tehn-drizh-tukh
Antipyretic -- tehn-tau-tukh
Antiserum -- tehn-has-masu
Antitoxin -- tehn-hasam-tukh
Antitussive -- tehn-huhsh-tukh
Antivenin -- tehn-ausham-tukh
Antlophobia -- abrash-pthak
Anuria -- ritsuri-vazhaya-nosh
Anus -- pekh-razh
Apeirophobia -- va'es-pthak
Aphenphosmophobia -- puesthul-pthak
Apnea -- esh-pehkaya-nosh
Appetite -- yeht-avon
Aqueous -- masupik
Areola -- kur-kuv

Arithmophobia -- su'us-pthak
 Arm -- kar
 Arrest -- pehkaya
 Arrhythmia -- ritsuri nel-dath t'khaf-spol
 Artery -- uzh-khaf-mev
 Artificial heart -- sutorik khaf-spol
 Artificial insemination -- sutorik sa-neitaya
 Artificial kidney -- sutorik kapol-nafek
 Artificial pancreas -- sutorik zalu-nafek
 Asthenia -- fam-karik'es-nosh
 Astringent --(wadi-)wufkau-tukh
 Ataraxis -- kash-hayal'es
 Athazagoraphobia -- zhuk-fak-pthak
 Atresia -- fam-sharushan-nosh
 Atrium -- tvi-shal
 Atychiphobia -- vravshaya-pthak
 Auditory canal -- zhu-ur
 Auditory center -- zhu-svitan (t'shad)
 Auditory nerve -- zhu-wel
 Auricle -- si-kaluk
 Aurophobia -- kin-tukh-pthak
 Automysophobia -- pukitork-pthak
 Autonomic nervous system -- shati-wel-torektra
 Autonomic reflex -- shati-tvisek
 Avulsion -- sa-tres
 Axon -- wel-elakh
 Azotemia -- pid-sovu-vok svi'khaf
 Azoturia -- pid-sovu-vok svi'vazh
 Azygous -- ri-shifik
 Azymia -- fam-zalu-nosh
 Baby -- kan-bu
 Bacillemia -- nosh t'fek-talvot svi'khaf
 Bacillophobia -- pthak t'numo-ha-veller
 Bacilluria -- nosh t'fek-talvot svi'vazh
 Bacillus -- fek-talvot
 Back -- pla'dor
 Backbone -- plat
 Bacteremia -- nosh t'talvot svi'khaf
 Bacterial -- talvotik
 Bactericide -- talvot-stau-tukh
 Bacteriophobia -- talvot-pthak
 Bacterium -- talvot
 Basal ganglia -- nen-weltralar
 Bathophobia -- gluder-pthak
 Bathycardia -- nosh t'neik-khaf-spol
 Beard -- hisahk
 Benign -- rigath
 Bibliophobia -- dunap-pthak
 Bile -- thel'a-zalu-masu
 Biliary tract -- thel'a-zalu-ek'ur
 Binocular -- dah-bezhunik
 Biohazard -- ha-tehvar
 Biopsy -- nalatra-nisan

Birth -- keshtan
 Birthmark -- keshtan-kur-vel
 Bisect -- dah-nesh-tor
 Bladder -- vazh-sa'haf
 Blastocyst -- tab-nala-dukak
 Bleb -- wadi-masu-vihk
 Bleeding -- khafaya
 Blennophobia -- shuhk-pthak
 Blindness -- glan-fam'es
 Blister -- yontau-masu-vihk
 Blockage -- klotaya
 Blood -- khaf
 Blood cell -- khaf-nala
 Blood clot -- khaf-vihk
 Blood coagulation -- khaf-vihkaya
 Blood count -- khaf-tum
 Blood donor -- khaf-tansu
 "Blood fever" - plak-tau
 Blood flow -- khaf-yumaya
 Blood group -- khaf-maat
 Blood poisoning -- khaf-gisaman
 Blood pressure -- khaf-ne'hish
 Blood test -- khaf-nisan
 Blood typing -- khaf-vesaya
 Blood vessel -- khaf-mev
 Body -- vukhut
 Boil -- pi'tak
 Bolus -- yemtra
 Bone -- hinek
 Bone cancer -- hinek-rasahtra
 Bone marrow -- hinek-masu
 Brachialgia -- kar-kusut(-nosh)
 Bradycardia -- vohri-threshan-nosh t'kahf-spol
 Bradylalia -- vohri-stariben-nosh
 Bradypnea -- vohri-threshan-eshan
 Brain -- shad (or "shi'nahp", the older term)
 "Brain death" -- ek'tevakh
 Brain tumor -- shad-gnal
 Break (n.) -- shaya
 Breast -- thasek
 Bronchiole -- pi'eshaf-mev
 Bronchitis -- eshaf-mev-yonshaya
 Bronchus -- suk'eshaf-mev
 Bruise (n.) -- wadi-yarek
 Bubo -- yonshauk yak-kal
 Bucca -- nak
 Bundle -- slahtra
 Burn (n.) -- yontaya
 Buttocks -- pla'kruslar
 Cacophobia -- watosh-pthak
 Cadaver -- tevikeh
 Calcaneus -- timut-hinek
 Calcareous -- gavik

Calcification -- hinekaya
 Calcitonin -- hinek-dau-tukh
 Calculus -- nafek-kov
 Calf -- vaukh
 Cambium -- tvi-tin t'hinek-nalatra-wein
 Cancer -- rasahtra
 Canker (sore) -- wuk
 Capillary -- pi'khaf-mev
 Carbuncle -- pi'taktra
 Carcinogen -- rasahtra-torek
 Carcinoma -- wein-nala-rasahtra
 Cardiac arrest -- khaf-spol-pehkaya
 Cardiomegaly -- khaf-spol-sukaya
 Cardiovascular system -- khaf-ifis-torektra
 Carditis -- khaf-spol-yonshaya
 Carnophobia -- kahm-pthak
 Carotid artery -- uzh-khaf-mev t'talu
 Cartilage -- rihinek
 Cartilagification -- rihinekaya
 Catabiosis -- tsuri nala-shakhuvaya
 Catabolism -- tepul-torek
 Catalyst -- torai-tukh
 Cataract -- bezhun-ripa'shaya
 Catarrh -- tvi-votaya t'prash-nala-tin
 Catheter -- smashau-mev
 Catoptrophobia -- haulat-pthak
 Caustic -- yontau-meil
 Cavity (body) -- pi'tauk
 Cavity (tooth) -- zud-razh
 Cell -- nala
 Cellulitis -- nalatra-yonshaya
 Central nervous system -- nen-wel-torektra
 Cephalgia -- patam-kusut
 Cerebellum -- dvunek-tash-svitan
 Cerebrum -- nahp-tash-svitan
 Cervical vertebra -- talu-hinek
 Cervix -- sudef-talu
 Chaetophobia -- isachya-pthak
 Chamber -- tvi-shal
 Cheek -- nak
 Cheilitis -- bru-yonshaya
 Chest -- tuf
 Chilblain -- samek-yontaya
 Child -- kan
 Childbirth -- kan-keshtan
 Childhood -- kan-wak
 Chiralgia -- el'ru-kusut
 Chondroma -- rihinek-gnal
 Chondromalacia -- rihinek-mosaya
 Chondrosarcoma -- rihinek-rasahtra
 Chromosome -- toltra
 Chronophobia -- wak-pthak
 Cicatrix -- ulidar

Cilia -- nala-isachya
 Circulation -- da-kuvaya
 Claustrophobia -- ikap-shal-pthak
 Clavicle -- dol-hinek
 Clot -- vihk
 Coagulant -- vihk-tukh
 Coccus -- dukal-talvot
 Coccygeal vertebra -- harr-hinek
 Coccyx -- harr-hinektra (or "tvi-harr")
 Coenzyme -- dah-zalu
 Colitis -- pekh-mev-yonshaya
 Colon -- pekh-mev
 Colostomy -- pekh-mev-sharutaya
 Coma -- ritevakh
 Compound (chemistry) -- meilaktra
 Compulsion -- riyeh-taitlun
 Concussion -- kwul-kolaya
 Condition -- nosh
 Connective tissue -- terau-nalatra
 Contusion -- wadi-yarek
 Convulsion -- mahai
 Coprophobia -- pekh-pthak
 Cord -- elakh
 Corditis -- elakh-yonshaya
 Cornea -- bezhun-wadi
 Coronary artery -- uzh-khaf-mev t'khaf-spol
 Coronary occlusion -- khaf-spol-klotaya
 Coronary thrombosis -- vihk-klotaya t'khaf-spol
 Corpse -- tevikeh
 Corpuscle -- pi'vel
 Cortex -- si-wein
 Costa -- bak
 Coxa -- gaf
 Cranial nerve -- patam-wel
 Cranium -- patam-hinektra
 Cryophobia -- samu-pthak
 Cusp -- sfek
 Cut (n.) -- nesh
 Cymophobia -- pral-pthak
 Cyst -- shaf
 Cystitis -- vazh-shal-yonshaya
 Cytoplasm -- nala-tukh
 Damage (n.) -- zakar
 Dandruff -- (patam-)wadi-grazhiv
 Deafness -- zhu-fam'es
 Death -- tevakh
 Debility -- fam-karik'es-nosh
 Debridement -- skek-nalatra-snem
 Decay (n.) -- nehaya
 Decortication -- nafek-wein-snem
 Defecation -- pekhaya
 Deficiency -- fam-nosahp'es
 Deformity -- riyeh-tshid'es

Dehydration -- nemashaya
 Delusion -- plokh
 Dendrite -- wel-gel
 Dendrophobia -- lap-pthak
 Dental caries -- zud-nehaya
 Deossification -- hinek-ek'tukh-pak
 Deoxyribonucleic acid (DNA) -- sash t'dah-ha-svitan (SDH)
 Depilatory -- isachya-snem-meil
 Dermabrasion -- wadi-grashaya
 Dermal regenerator -- wadi-vaferek
 Dermatitis -- wadi-yonshaya
 Desquamation -- wadi-foshuhn
 Detached retina -- dahlik glan-nalatra-tin
 Detoxification -- nehasamaya
 Development -- storaya
 Deviant -- tekerik
 Diabetes -- ritsuri-nosh t'slor-dau-tukh
 Diagnosis -- nosh-satalaya
 Diaphragm -- esh-dvunek
 Diarrhea -- masu-pekh(-nosh)
 Differential diagnosis -- natya-nosh-satalaya
 Differentiation -- natyataya
 Diffusion -- sasak
 Digestion -- skaun
 Digestive tract -- skaun-ek'ur
 Digit -- uk
 Dilation -- eiksharu
 Diplopia -- dah-glan
 Dipsophobia -- mon-pthak
 Disability -- rikup'es
 Discharge (n.) -- khrasaya
 Disease -- has
 Dislocation -- sashitaya
 Dissection -- dahli-neshan
 Dizygotic twins -- dahsular s'natya-yu-murlar
 Dominant gene -- abru-tol
 Dorsiflexion -- pla'vulaya
 Dose -- fim
 Drainage -- smashaya
 Duct -- mev
 Dysentery -- pekh-mev-yonshaya
 Dysfunction -- ritsuri-is-lof
 Dysgraphia -- ritsuri-kitau-nosh
 Dyskinesia -- ritsuri-dvun-nosh
 Dyslogia -- ritsuri-nahp-nosh
 Dysosmia -- ritsuri-fnish-nosh
 Dyspepsia -- ritsuri-skaun-nosh
 Dysphagia -- ritsuri-vinem-nosh
 Dysphasia -- ritsuri-stariben-nosh
 Dysphonia -- ritsuri-spes-nosh
 Dyspnea -- ritsuri-esh-nosh
 Dysuria -- ritsuri-vazh-nosh
 Ear -- kaluk

Earache -- kaluk-kusut
 Eardrum -- zhu-nalatra-tin
 Edema -- ritsuri-masu-hoknaya
 Ejaculation -- khrasaya
 Elbow -- kar-nef
 Electric(al) burn -- raf-yontaya
 Electric(al) shock -- raf-kolaya
 Electrolyte -- falun-krus-tukh
 Elimination -- masu-snem, tukh-snem
 Embolism -- mev-klotaya
 Embolus -- el-klotau-vel
 Embryo -- ten-kan-bu
 Emollient -- wadi-mosek
 Emulsion -- dah-masu
 Encephalitis -- shi'nahp-yonshaya
 Endarteritis -- yonshaya t'uzh-khaf-mev
 Endocarditis -- yonshaya t'tvi-tin t'khaf-spol
 Endocardium -- tvi-tin t'khaf-spol
 Endocrine gland -- tvi-sau-pi'nafek
 Endocrine system -- tiv-sau-torekra
 Endometrium -- sudef-tvitaya
 Endoscope -- tvi-zan-vel
 Endoscopy -- tvi-zanan
 Endosteum -- tvi-hinek-tvitaya
 Enema -- pekh-razh-pun
 Energy -- tepul
 Enlargement -- sukaya
 Enteritis -- pekh-mev-yonshaya
 Entomophobia -- ravot-pthak
 Eucleation -- ek'krus-snem
 Enuresis -- ritash-vazhaya
 Enzyme -- zalu
 Epicranium -- patam-wadi-tin(lar)
 Epidemic -- shal-has-sak
 Epidermis -- si-wadi
 Epididymis -- pi'sa-nei-mev
 Epiglottis -- vinem-pi'rala
 Episcleritis -- bezhun-wan-yonshaya
 Epistaxis -- han-khafaya
 Epithelial cell -- wein-nala
 Epithelial tissue -- wein-nalatra
 Epithelium -- wein-nala-tin
 Erectile tissue -- abru-nalatra
 Erection -- abrun
 Ergophobia -- ar'kada-pthak, zup-pthak
 Ergotism -- has-mar s'yartik-luk
 Erosion -- skrashaya
 Eructation -- skaun-sa'haf-sovaya
 Eschar -- yontaya-net
 Esophagus -- yakul-mev
 Esotropia -- vi'le-da-nosh t'bezhun(lar)
 Estrogen -- ko-dau-tukh
 Eunuch -- risakallarsu

Eustachian tube -- kaluk-mev
 Euthanasia -- rom-staya
 Excision -- snesh
 Exfoliation -- wadi-foshuhn
 Exhalation -- s'le-eshan
 Exocrine gland -- si-sau-pi'nafek
 Exostosis -- hinek-vihk
 Exotropia -- s'le-da-nosh t'bezhun(lar)
 Expansion -- sa'ovaya
 Expiration -- s'le-eshan
 Exsanguination -- ek'khafaya
 Extension -- sadvun
 Extensor (muscle) -- sadvunek
 External -- s'udish
 Extirpation -- ek'snesh
 Extraction -- saseshaya
 Extremity -- si-vukhut-krus
 Extravasation -- si-mev-tasaya
 Exudation -- stan
 Eye -- bezhun
 Eyebrow -- bezhun-zehl
 Eyelash -- bezhun-isachya
 Eyelid, Inner -- tvi-bezhun-wein
 Eyelid, Outer -- si-bezhun-wein
 Face -- limuk
 Fascicle -- pi'slahtra
 Fat (n.) -- thel'a
 Fat metabolism -- thel'a-di'kish-torek
 Fatigue -- zung
 Fatty acid -- thel'a-sash
 Febrile -- taulik
 Fecalith -- pekh-kov
 Feces -- pekh
 Fecund -- brashik
 Feeling (n.) -- olaya
 Female (adj.) -- kotik
 Female (n.) -- ko
 Femoral artery -- uzh-khaf-mev t'abru-mal
 Femoral nerve -- nen-wel t'abru-mal
 Femur -- abru-mal-hinek
 Fenestra -- krani
 Fenestration -- krani-sharushan
 Fertile -- kanashik
 Fertility -- kanash'es
 Fertilize -- vikantau
 Fertilization -- vikantaya
 Fester -- vugau
 Fetus -- tvi-kan-bu
 Fever -- tau
 Fiber -- slah
 Fibroid tumor -- slah-gnal
 Fibrous -- slahtik
 Fibula -- vaukh-hinek

Filiform -- (og-)elakh-shidik
 Filtration -- kapol-toraya
 Finger -- ozh
 Fission -- nala-dahshaya
 Fist -- ozh-dukal
 Flaccid -- nemosik
 Flagellum -- dvunel-pi'harr
 Flap -- pi'rala
 Flatfoot -- pa'ash'ya (contraction of pa'ash-ash'ya)
 Flesh -- kahmtra
 Flexion -- tedvun
 Flexor (muscle) -- tedvunek
 Flutter (n.) -- nuv
 Fold (n.) -- heshan
 Folic acid -- khub-sash
 Follicle -- pi'haf
 Foot -- ash'ya
 Foramen -- sharu
 Forearm -- ne-kar
 Forebrain -- fa-shi'nahp
 Forehead -- fa-patam
 Fovea -- pi'razh
 Fracture (n.) -- shaya
 Fraternal twins -- dahsular s'natya-yu-murlar
 Freckle -- pi'kur-shal
 Frostbite -- le-suma-yontaya
 Fructose -- savas-slor-tukh
 Fundus -- nafek-nen
 Furuncle -- pi'tak
 Fusiform -- magu-shidik
 Fusion -- nala-kaunshaya
 Gall -- thel'a-zalu-masu
 Gall bladder -- thel'a-zalu-nafek
 Gamete -- vinik guv-nala
 Gametocyte -- rivinik guv-nala
 Gametogenesis -- guv-nala-storaya
 Gamophobia -- kun-ut-pthak
 Ganglion, Nerve -- weltra
 Gangrene -- nalatra-yem-tevakh
 Gas -- pa-tukh
 Gas gangrene -- nalatra-yem-tevakh k'pa-tukh
 Gastrectomy -- skaun-sa'haf-snem
 Gastric -- skaun-sa'hafik
 Gastric gland -- skaun-sa'haf-pi'nafek
 Gastric juice -- skaun-sa'haf-masu
 Gastric lavage -- skaun-sa'haf-pun
 Gastric ulcer -- skaun-sa'haf-razhen
 Gastrin -- dau-tukh t'skaun-sa'haf
 Gastritis -- skaun-sa'haf-yonshaya
 Gastroenteritis -- yonshaya t'neik-skaun-ek'ur
 Gastroesophageal reflux -- pla'yumaya t'skaun-sa'haf-tuhllar
 Gastrointestinal tract -- neik-skaun-ek'ur
 Gavage -- mev-yeman

Gender -- guv
Gender identity -- guv-sha'es
Gene -- tol
General anesthesia -- ek'kashan-ne-meil
Genetic -- tolik
Genetic disease -- tolik has
Genetic engineering -- tol-mish-tal
Genetic marker -- tolik ulidek
Genitalia, External -- si-guv-kruslar
Genome -- tol-var
Genotype -- tol-ves
Germ -- talvot
Germ cell - guv-nala
Gestation -- sudef-wak
Gingiva -- zud-nalatra
Gingivitis -- zud-nalatra-yonshaya
Gland -- pi'nafek
Glaucoma -- bezhun-ne'hish-nosh
Glossalgia -- lahv-kusut
Glossitis -- lahv-yonshaya
Glottis -- spes-vel
Glucose -- nen-slor-tukh
Glucosuria -- ritsuri-nosh t'nen-slor-tukh svi'vazh
Gluteus -- pla'krus-dvunek
Glycosuria -- pid-nosh t'slor-tukh svi'vazh
Gonad -- guv-nafek
Gonadotropin -- dau-tukh t'guv-nafek
Gray matter -- zhai-nalatra
Greenstick fracture -- treshaya (or "treshau-shaya")
Groin -- neikah
Gross anatomy -- nen-vukhut-tal
Growth -- to'ovaya
Growth hormone -- to'ovau-dau-tukh
Gubernaculum -- pihlora-vel
Gullet -- yakul-mev
Gums (mouth) -- zud-wadi
Gynecologist -- ko-hassu
Habit(s) -- es'merka
Hair (single strand) -- isach
Hair (multiple) -- isachya
Hair follicle -- isach-kal
Hallux -- wuh'rak gof
Hand -- el'ru
Head -- patam
Headache -- patam-kusut
Healing -- hakaya
Health -- muhl'es
Hearing -- zhu
Heart -- khaf-spol
Heart attack -- khaf-spol-mahai
Heart chamber -- tvi-shal t'khaf-spol
Heart failure -- khaf-spol-vravshaya
Heart rate -- khaf-spol-tav

Heart valve -- khaf-spol-spunek
 Heartbeat (rhythm) -- nel-dath t'khaf-spol
 Heartburn -- skaun-yon
 Heel -- timut
 Hemangioma -- khaf-mev-gnal
 Hematoma -- khaf-yarek
 Hematuria -- vazh-khaf-nosh
 Hemoglobin -- khaf-esh-meil
 Hemolytic anemia -- ritsuri-nehaya-nosh t'khaf-meil
 Hemophilia -- ritsuri-vihk-nosh
 Hemorrhage -- khafaya
 Hemostasis -- khafau-pehkaya
 Hepatitis -- nehasamek-yonshaya
 Hepatoma -- nehasamek-gnal
 Hereditary -- samekhik
 Hernia -- faka
 Hiatus -- sharu
 Hiccup (n.) -- huhk
 Hip -- gaf
 Hirsutism -- isach'es-nosh
 Hormone -- dau-tukh
 Horripilation -- isachya-shen
 Humerus -- abru-kar-hinek
 Hyaline cartilage -- nen-rihinek
 Hydremia -- ritsuri-pid-tavat t'khaf-masu
 Hydronephrosis -- ritsuri-masu-sa'ovaya t'kapol-nafek
 Hydrophobia -- masu-pthak
 Hyoid bone -- lahv-hinek
 Hyperbaric chamber -- tvi-shal t'pid-sov-ne'hish
 Hypercalcemia -- (ritsuri-)pid-nosh t'hinek-tukh svi'khaf
 Hypercalciuria -- ritsuri-pid-nosh t'hinek-tukh svi'vazh
 Hypercapnia -- pid-nosh t'dah-eshu t'nol-tukh svi'khaf
 Hyperemia -- pid-shal-khaf
 Hyperglycemia -- pid-nosh t'khaf-slor-tukh
 Hyperkalemia -- (ritsuri-)pid-nosh t'spoh-tukh svi'khaf
 Hypernatremia -- (ritsuri-)pid-nosh t'alem-tukh svi'khaf
 Hypernea -- sahris-eshan
 Hyperopia -- za-thakau-nosh
 Hyperpigmentation -- ritsuri-pid-nosh t'wadi-kur
 Hyperplasia -- pid-krus-storaya
 Hyperpyrexia -- ritsuri-pid-nosh t'vukhut-falek'es
 Hypertension -- pid-khaf-ne'hish
 Hypertrophy -- krus-sukaya
 Hyperventilation -- nuh'mau-eshan
 Hypocalcemia -- (ritsuri-)neik-nosh t'hinek-tukh svi'khaf
 Hypocapnia -- neik-nosh t'dah-eshu t'nol-tukh svi'khaf
 Hypoglossal nerve -- vinem-lahv-wel
 Hypoglycemia -- neik-nosh t'khaf-slor-tukh
 Hypokalemia -- (ritsuri-)neik-nosh t'spoh-tukh svi'khaf
 Hyponatremia -- (ritsuri-)neik-nosh t'alem-tukh svi'khaf
 Hypopigmentation -- ritsuri-neik-nosh t'wadi-kur
 Hypoplasia -- neik-krus-storaya
 Hypospray -- pa-vipohtek

Hypotension -- neik-khaf-ne'hish
Hypothalamus -- is-lof-svitan
Hypoxia -- nuh'neik-esh-tukh svi'khaf
Hysterectomy -- sudef-snem
Ictus -- mahai
Identical twins -- dahsular s'ka-yu-mur
Identity -- sha'es
Iliac artery -- uzh-khaf-mev t'neik-vukhut
Iliac vein -- os-khaf-mev t'neik-vukhut
Immature (development) -- rivinik
Immune -- tefoshik
Immune response -- tefosh-kesaya
Immune system -- tefosh-torektra
Immunity -- tefosh'es
Implant (n.) -- vishitaya
Implant (v.) -- vishitau
Impregnate -- viyatau
In situ -- tvi-shitik
In utero -- tvi-sudefik
In vitro -- saha-velik
In vivo -- tvi-ha-velik
Incision -- nesh
Indolent -- vohris-storaya
Induration -- lerashaya
Infant -- kan-bu
Infarction -- tev-nalatra-storaya
Infection -- vivotaya
Infertile -- rikanashik
Inflammation -- yonshaya
Infusion -- vismashaya
Inguinal hernia -- neikah-faka
Inhalation -- vi'le-eshan
Inherent -- tvi-keshik
Injection -- vipohshaya
Injury -- dash
Inner ear -- tvi-kaluk
Inoculation -- vi-kasaya
Inoculum -- vi-kas
Inspiration -- vi'le-eshan
Insemination -- sa-neitaya
Insulin -- slor-dau-tukh
Integumentary system -- ek'wadi-torektra
Internal -- svi'udish
Internal injury -- tvi-dash
Internal organs -- tvi-nafeklar
Interstice -- tvi-stukh
Intestine -- pekh-mev
Intraosseous -- vihinekik
Intravasation -- vimevaya
Intravenous -- viosik
Involuntary -- shatipik
Iridocycus -- kurak-puv
Iridotomy -- kurak-sharushan

Iris -- kurak
 Iritis -- kurak-yonshaya
 Itch (n.) -- drizh
 Itching -- drizhan
 Jaundice -- kur-nosh t'thel'a-zalu-masu svi'khaf
 Jaw -- ahs
 Joint -- lesek
 Juice -- samasu
 Jugular vein -- os-khaf-mev t'talu
 Kalemia -- spoh-tukh svi'khaf
 Karyokinesis -- nala-dahsaya
 Karyolymph -- nala-svitan-masu
 Karyolysis -- nala-svitan-nehaya
 Karyon -- nala-svitan
 Karyotype -- toltra-besan
 Keratalgia -- bezhun-wadi-kusut
 Keratin -- si-ketek
 Keratitis -- bezhun-wadi-yonshaya
 Keratoderma -- stonn-wadi
 Keratopathy -- bezhun-wadi-has
 Keratorhexis -- bezhun-wadi-tres
 Ketoacidosis -- nalesh-sash-nosh
 Ketone -- nalesh(-tukh)
 Ketone body -- nalesh-vel
 Ketonemia -- ritsuri-pid-nosh t'nalesh-vellar svi'khaf
 Ketonuria -- ritsuri-pid-nosh t'nalesh-vellar svi'vazh
 Ketosis -- pid-nalesh-nosh
 Kidney -- kapol-nafek
 Kinetosis -- dvunel-has-mar
 Knee -- mal-nef
 Knee joint -- mal-nef-lesek
 Kneecap -- mal-nef-hinek
 Knuckle -- ozh-lesek
 Kwashiorkor -- fam-ketek-has
 Kyphosis -- tchorka-pla'dor(-nosh)
 Laceration -- nesh
 Lacrimal duct -- bezhun-masu-mev
 Lacrimal gland -- bezhun-masu-pi'nafek
 Lacrimal sac -- bezhun-masu-sa'haf
 Lacrimation -- bezhun-mashaya
 Lactase -- thas-skaun-zalu
 Lactation -- thasaya
 Lactiferous duct -- thas-mev
 Lactose -- thas-slor-tukh
 Laparocoele -- feshek-faka
 Laparoscope -- feshek-zan-vel
 Laparotomy -- feshek-sharushan
 Laryngitis -- shi'spes-yonshaya
 Laryngopharynx -- neik-drahk
 Larynx -- shi'spes
 Leg -- mal
 Lens, Eye -- gelek
 Lesion -- sval

Leukocyte -- wan-khaf-nala
 Leukoplakia -- wan-shal-bosh t'nala-tin
 Leukotrichia -- wan-isachya-bosh
 Levator -- ashenek
 Ligament -- hinek-tersayek
 Limb -- sikrus
 Limbic system -- zherka-torektra
 Lip -- bru
 Lipemia -- pid-thel'a-nosh svi'khaf
 Lipoma -- thel'upik gnal
 Lipoprotein -- thel'a-ketek
 Liposarcoma -- thel'a-nala-rasahtra
 Lithiasis -- nafek-kov-torvaya
 Lithuresis -- kov-vazhaya
 Liver -- nehasamek, nehasamau-nafek
 Lobe -- shal-kal
 Lumbago -- ne-pla'dor-kusut
 Lumbar nerve -- ne-pla'dor-wel
 Lumbar vertebra -- ne-pla'dor-hinek
 Lump -- vihk
 Lung -- eshaf (contraction of "esh-sa'haf")
 Lymph -- yak(-masu)
 Lymph node -- yak-kal
 Lymph vessel -- yak-mev
 Lymphangioma -- yak-mev-gnal
 Lymphoblast -- rivinik yak-nala
 Lymphocyte -- yak-nala
 Lymphoma -- yak-gnal
 Lymphopoiesis -- yak-torvaya
 Lysosome -- skaun-pi'vel
 Macrophage -- suk'yokul-nala
 Mala -- nak-hinek
 Male (adj.) -- satik
 Male (n.) -- sa
 Malignant -- tevrasahkos
 Mammary gland -- thas-pi'nafek
 Mandible -- neik-ahs(-hinek)
 Maturation -- vin
 Maturity -- vin'es
 Maxilla -- abru-ahs(-hinek)
 Meatus -- ur
 Medication -- haseret
 Medulla oblongata -- is-lof-svitan
 Meiosis -- ulef-nala-dahsaya
 Melanin -- mu-kur-tukh
 Melanocyte -- mu-kur-nala
 Melanoma -- wadi-rasahtra t'mu-kur-nalalar
 Membrane -- nala-tin
 Memory -- vokaya
 Metabolism -- di'kish-torek
 Metacarpus -- svitan-el'ru-hinek
 Metatarsus -- svitan-ash'ya-hinek
 Metroptosis -- sudef-set

Microorganism -- numo-ha-vel
 Microsurgery -- numo-sharushan
 Middle ear -- svitan-kaluk
 Milk -- thas
 Mitochondrion -- nala-tepul-vel
 Mitosis -- ek'nala-dahsaya
 Molar -- nal-zud
 Monozygotic twins -- dahsular s'ka-yu-mur
 Morula -- ten-nala-dukal
 Motion -- dvunel
 Mouth -- ru'lut
 Movement -- dvun
 Mucous membrane -- prash-nala-tin
 Mucus -- prash
 Muscle -- dvunek
 Myalgia -- dvunek-kusut
 Myocardial infarction -- shal-tevakh t'khaf-spol-dvunek
 Myocardium -- svitan-tin t'khaf-spol
 Myoglobin -- dvunek-esh-meil
 Myonecrosis -- dvunek-nala-tevakh
 Myopia -- fa-thakau-nosh
 Myosarcoma -- dvunek-rasahtra
 Myositis -- dvunek-yonshaya
 Nail -- felu
 Nares, Anterior -- han-sharular
 Nasal cavity -- han-tauk
 Nasal septum -- han-temok
 Nasal sinus -- han-pi'tauk
 Nasolacrimal duct -- han-bezhun-mev
 Nasopharynx -- han-drahk
 Nates -- pla'kruslar
 Nausea -- slakh
 Navel -- kesazh
 Neck -- talu
 Necrosis -- nalatra-tevakh
 Neonatal -- uzh-keshtik
 Neonate -- Uzh-keshtu
 Neoplasm -- uzh-rasahtra
 Nephralgia -- kapol-nafek-kusut
 Nephritis -- kapol-nafek-yonshaya
 Nephrolith -- kapol-nafek-kov
 Nerve -- wel
 Neural transponder -- wel-vavayek
 Neuralgia -- wel-kusut
 Neuritis -- wel-yonshaya
 Neuroepithelium -- wel-wein-nalatra
 Neurogenesis -- wel-storaya
 Neurohormone -- wel-dau-tukh
 Neurohumor -- wel-nala-meil
 Neurotransmitter -- wel-sasayek
 Neuron -- wel-nala
 Neurotoxin -- wel-hasam
 Neurotransmitter -- wel-sasau-meil

Nevus -- kesh-kuraya
 Newborn (child) -- Uzh-keshtu
 Nidation -- yu-mur-vishitaya
 Night blindness -- mu'gel-glan-fam'es
 Nightmare -- yuk-eshu'a
 Nipple -- thasek-gonaf
 Nocturia -- yuk-vazhaya
 Node -- kal
 Normotension -- tsuri-khaf-ne'hish
 Nose -- han
 Nosebleed -- han-khafaya
 Nostrils -- han-sharular
 Notochord -- fu-pla'hinek-zehl
 Nucha -- talu-pla'dor
 Numbness -- rikashan'es
 Nutrient -- yem-tanek
 Nyctalopia -- mu'gel-glan-fam'es
 Nyctophobia -- mu'yor-pthak
 Nycturia -- yuk-vazhaya
 Nymphomania -- riko-guv-aitlun
 Obese -- thel'anik
 Obesity -- thel'an'es
 Obsession -- ritsuri-wuh-set'ko
 Obstetrician -- ko-kesh-hassu
 Obstruction -- klotaya
 Occipital bone -- patam-pla'dor-hinek
 Occiput -- patam-pla'dor
 Occupational disease -- ar'kada-has
 Oculomotor nerve -- bezhun-dvun-wel
 Oculus -- bezhun
 Oculus dexter (OD) -- gas-bezhun
 Oculus sinister (OS) -- los-bezhun
 Odontalgia -- zud-kusut
 Odontiasis -- zudaya
 Odor -- vil
 Odynophagia -- yontau-vinem-kusut
 Ointment -- elmuvak
 Olfaction -- fnish-kash-ral
 Olfactory center -- fnish-svitan
 Olfactory nerve -- fnish-wel
 Oligodactyly -- ten-uklar-nosh
 Oligodipsia -- ten-mag-nosh
 Oligodontia -- ten-zudlar-nosh
 Oliguria -- ten-vazh-torvaya
 Omphalus -- kesazh
 Onycholysis -- felu-dahshaya
 Onychosis -- felu-has
 Onyxia -- tvi-felu(-nosh)
 Oogenesis -- yu-mur-storaya
 Oophorectomy -- yukal-snem
 Oophoritis -- yukal-yonshaya
 Oozing -- stan
 Opening -- sharu

Ophthalmectomy -- bezhun-snem
 Ophthalmoplegia -- bezhun-shivaya
 Ophthalmoscope -- bezhun-zan-vel
 Oponin -- keful-tukh
 Oponization -- kefulaya
 Optic nerve -- glan-wel
 Orbit -- bezhun-razh
 Orchidalgia -- sakal-kusut
 Orchiectomy -- sakal-snem
 Orchidoptosis -- neik-sakal-nosh
 Orchiopexy -- sakal-ne-sharushan
 Orchis -- sakal
 Orchitis -- sakal-yonshaya
 Orexigenic -- yeht-avon-ashenauk
 Organ -- nafek
 Orifice -- sharu
 Oropharynx -- ru'lut-drahk
 Orthopnea -- abruven-esh-nosh
 Orthostatic -- yeht-lamanik
 Os -- hinek
 Oscheocele -- sakal-haf-puv
 Osculum -- pi'sharu
 Osseous -- hinekik
 Ossicle -- pi'hinek
 Ossification -- hinekaya
 Osteitis -- hinek-yonshaya
 Osteoblast -- hinek-storau-nala
 Osteocampsia -- hinek-vulau-nosh
 Osteochondroma -- hinek-rihinek-gnal
 Osteocyte -- hinek-nala
 Osteolysis -- hinek-vashau-nosh
 Osteoma -- hinek-gnal
 Osteopetrosis -- kinek-kov-nosh
 Osteoporosis -- hinek-pak-nosh
 Osteoregenerator -- hinek-vaferek
 Osteosarcoma -- hinek-rasahtra
 Osteosclerosis -- hinek-ihn-nosh
 Ostium -- sharu
 Ostomy -- sharutaya
 Otalgia -- kaluk-kusut
 Otitis -- kaluk-yonshaya
 Otorrhea -- kaluk-khrasaya
 Otosclerosis -- tvi-kaluk-hinekaya
 Otoscope -- kaluk-zan-vel
 Ovarian cancer -- yukal-rasahtra
 Ovarian cyst -- yukal-masu-haf
 Ovariectomy -- yukal-snem
 Ovary -- yukal
 Oviduct -- yu-mur-mev
 Ovotestis -- on-guv-nafek
 Ovulation -- yukaya
 Ovum -- yu-mur
 Oxygenation -- esh-tukhaya

Oxyopia -- maut-zat-glan
 Pachycheilia -- bali-bru-nosh
 Pachyderma -- bali-wadi-nosh
 Pain -- kusut
 Palate -- ru'lut-kamu
 Palilalia -- zhit-ashiv-nosh
 Palliative -- vasek
 Pallor -- ritsuri-spoh'es
 Palm -- ku
 Pancarditis -- ek'khaf-spol-yonshaya
 Pancreas -- zalu-nafek
 Pancreatectomy -- zalu-nafek-snem
 Pancreatic duct -- zalu-nafek-mev
 Pancreatic juice -- zalu-nafek-masu
 Pancreatitis -- zalu-nafek-yonshaya
 Pandemic -- suk'shal-has-sak
 Pandiculation -- luvau-sakadaya
 Panhysterectomy -- ek'sudef-snem
 Panic (n.) -- pahth
 Paracentesis -- snem-masu-nisan
 Paralysis -- shivaya
 Parametritis -- pa-sudef-yonshaya
 Paranoia -- ek'pa-pthak
 Paraparesis -- on-mal-kobat'es
 Paraplegia -- dah-shivaya
 Parenchyma -- nafek-is-krus
 Paresis -- ul-shivaya
 Parturition -- keshtan
 Passive -- ritorupik
 Patella -- mal-nef-hinek
 Patellar reflex -- mal-nef-tvisek
 Patient -- hasausu
 Pectinate -- dref-shidik
 Pelage -- ek'isachya
 Pelvis -- dafel
 Penis -- lok
 Perforation -- tilaya
 Perilymph -- kaluk-yak
 Periosteum -- hinek-nalatra-wein
 Periostitis -- yonshaya t'hinek-nalatra-wein
 Peristalsis -- mev-spal-dvun
 Peritoneum -- feshek-nalatra-tin
 Peritonitis -- yonshaya t'feshek-nalatra-tin
 Personality -- nafu'es
 Pes -- ash'ya
 Phagocyte -- yokul-nala
 Phalanges -- uk-hineklar
 Phalluncus -- lok-gnal
 Phallus -- lok
 Pharyngitis -- drahk-yonshaya
 Pharyngodynia -- drahk-kusut
 Pharynx -- drahk
 Phlebangioma -- puv-haf t'os-khaf-mev

Phlebectomy -- snem t'os-khaf-mev
 Phlebitis -- yonshaya t'os-khaf-mev
 Phlebotomy -- tu'asha t'os-khaf-mev
 Phlegm -- esh-prash
 Photalgia -- ugel'es-bezhun-kusut
 Phrenic nerve -- esh-dvunek-wel
 Physician -- hassu
 Pica -- riyem-yokul-nosh
 Pigment -- kurek
 Pilosis -- pid-storau-nosh t'isachya
 Pilus -- isach
 Pineal gland -- sofar-pi'nafek
 Pinna -- si-kaluk
 Pituitary gland -- dau-tukh-pi'nafek
 Placebo -- katak
 Placebo effect -- katak-daya
 Placenta -- flutash
 Plantar reflex -- lad-tvisek
 Plasma -- bosh-khaf-masu
 Plasma cell -- khaf-masu-nala
 Plasma protein -- khaf-masu-ketek
 Plasmacytoma -- rasahtra t'khaf-masu-nalalar
 Platelet -- vihk-nala
 Plethora -- masu-mau-tan
 Pleura -- tuf-nala-tin
 Pleurisy -- yonshaya t'tuf-nala-tin
 Plica -- (nalatra-)heshan
 Pneumonectomy -- eshaf-snem
 Pneumonia -- eshaf-yonshaya
 Poison -- gisam
 Pons -- mesut
 Pore -- wadi-sharu
 Postmature infant -- tab-kan-bu
 Postoperative -- po-sharushanik
 Postpartum -- po-keshtaik
 Prasema (Vulcan "erythema") -- wadi-yar'es s'pi'khaf-mev-eikan
 Praseoblast (Vulcan "erythroblast") -- rivinik khaf-nala
 Praseocyte ("green blood cell") -- nen-khaf-nala
 Praseoderma -- (Vulcan "erythroderma") -- wadi-yar'es-nosh
 Praseopenia (Vulcan "erythropeia") -- fam-nosahp'es t'nen-khaf-nalalar
 Praseopoiesis -- (Vulcan "erythropoiesis") -- torvaya t'nen-khaf-nalalar
 Precancerous -- fe-rasahtraik
 Precocious -- ten-storauk
 Pregnancy -- k'kan'es
 Pregnant -- k'kan
 Premature -- fe-wakik
 Premature ejaculation -- ten-khrasaya
 Premature infant -- ten-kan-bu
 Prenatal -- fe-keshtaik
 Preoperative -- fe-sharushanik
 Preprandial -- fe-yemik
 Prepuberty -- fe-vin-storaya
 Pressure -- ne'hish

Pressure point -- ne'hish-sfek
 Priapism -- kwon-abrun-nosh
 Proctitis -- pekh-vat-yonshaya
 Proctoscope -- (tvi-)zan-vel t'pekh-vat
 Progeria -- ten-shakhuvau-nosh
 Prolapse -- nafek-set
 Prostate -- pi'nafek t'sa-nei-masu
 Protein -- ketek
 Pruritis -- drizhaya
 Puberty -- vin-storaya
 Pudendum -- si-guv-krus
 Pulmonary artery -- eshik vi-khaf-mev
 Pulmonary edema -- ritsuri-masu-hoknaya t'eshaf
 Pulmonary embolism -- eshaf-mev-klotaya
 Pulmonary vein -- eshik sa-khaf-mev
 Pulsation -- gaya
 Pulse -- khaf-spol-gaya
 Pupil -- glan-sharu
 Pupillary reflex -- glan-sharu-tvisek
 Pus -- kuhku
 Pustule -- kuhku-kad
 Pyemia -- kuhku-khaf-gisaman
 Pyrophobia -- yon-pthak
 Pyrosis -- skaun-yon
 Quadriplegia -- keh-shivaya
 Quadruplet -- t'kehsu
 Quintuplet -- t'kausu
 Radiation sickness -- saya-has-mar
 Radicle -- wel-gir
 Radiculitis -- wel-gir-yonshaya
 Radius (bone) -- sik ne-kar-hinek
 Range of motion -- dvunel-eik'es
 Raphe -- fenul
 Rash -- kuriht
 Recessive gene -- za-tol
 Rectum -- pekh-vat
 Reflex -- tvisek
 Reflux -- (ritsuri-)pla'yumaya
 Regulatory gene -- pakhartau-tol
 Reproduction -- kanashivaya
 Resection -- krus-snem
 Respiration -- pa'kizh
 Respiratory arrest -- pa'kizh-pekhaya
 Respiratory failure -- pa'kizh-vravshaya
 Respiratory rate -- pa'kizh-tav
 Respiratory tract -- pa'kizh-ek'ur
 Reticulum -- vistra
 Retina -- glan-nalatra-tin
 Retinitis -- glan-nalatra-yonshaya
 Rhinitis -- han-yonshaya
 Rhinorrhea -- han-yumaya
 Rib -- bak
 Saccule -- pi'sa'haf

Sacral vertebra -- pla'krus-hinek
 Saliva -- ru'lut-masu
 Salivary gland -- ru'lut-masu-pi'nafek
 Salpinx -- mev
 Salt depletion -- alem-sis
 Sarcoid -- kahmtraik
 Sarcoma -- kahm-rasahtra
 Satyriasis -- risa-guv-aitlun
 Scab -- net
 Scalp -- patam-ek'wadi
 Scapula -- tipan-hinek
 Scar -- ulidar
 Sciatic nerve -- nen-mal-wel
 Sclera -- bezhun-wan
 Sclerosis -- lerash-nalatra-nosh
 Scrotum -- sakal-sa'haf
 Sebaceous cyst -- wadi-thel'asu-shaf
 Sebaceous gland -- wadi-thel'asu-pi'nafek
 Sebum -- wadi-thel'asu
 Seizure -- mahai
 Semen -- sa-nei-masu
 Seminal vesicle -- pi'nafek t'sa-nei-masu
 Seminiferous tubule -- sa-nei-pi'mev
 Sensation -- kashan
 Sense -- kash-ral
 Sensory nerve -- kash-ral-wel
 Septicemia -- khaf-gisaman
 Serum -- nen-khaf-masu
 Sesamoid bone -- mal-nef-hinek
 Sex (gender) -- guv
 Sex chromosome -- guv-toltra
 Sex hormone -- guv-dau-tukh
 Sexual -- guvik
 Shin -- ne-mal
 Shin bone -- ne-mal-hinek
 Shock (n.) -- kolaya
 Short -- pen
 Shoulder blade -- tipan-hinek
 Sickness -- has-mar
 Sight -- glan
 Sinew -- dvunek-tersayek
 Skeletal muscle -- hinek-(teraya-)dvunek
 Skeleton -- hinek-teraya
 Skin -- wadi
 Skin cancer -- wadi-rasahtra
 Skull -- grat
 Smooth muscle -- shati-dvunek
 Sneeze (n.) -- uhfuk
 Sole (foot) -- lad
 Somatic cell -- vukhut-nala
 Sore (n.) -- sival
 Spermatogenesis -- sa-nei-storaya
 Spermatozoon -- sa-nei

Spinal canal -- plat-ur
 Spinal column -- plat
 Spinal cord -- plat-wel-elakh
 Spinal nerve -- plat-wel
 Spine -- plat
 Spleen -- khaf-nafek
 Splenectomy -- khaf-nafek-snem
 Splenitis -- khaf-nafek-yonshaya
 Sprain (n.) -- nauk
 Stance -- laman
 Stenosis -- ritsuri-wonilaun
 Sternum -- tuf-hinek
 Stimulant -- kastorilayek
 Stimulus -- kastoran
 Stoma -- skonn-sharu
 Stomach, First -- wuh'rak skaun-sa'haf
 Stomach, Second -- dah'rak skaun-sa'haf
 Strabismus -- rizehlik bezhun-nosh
 Strain (n.) -- his
 Stratum -- tin
 Stress (n.) -- hishel
 Striated muscle -- slah-dvunek
 Stricture -- mev-wonilaun
 Stroke (n.) -- shad-kisheya
 Subcutaneous -- ne-wadiyik
 Surgeon -- sharushsu
 Surgery -- sharushan
 Suture (material) -- terog-elakh
 Suture (seam) -- fenul
 Suture (stitch) -- terog
 Suture (v.) -- terog-tor
 Swelling (n.) -- puv
 Syndrome -- kath-vuk
 Synovial fluid -- lesek-masu
 Synovial joint -- el-lesek
 Synovial membrane -- nalatra-tin t'el-lesek
 Syringe -- vipohtek
 System -- torektra
 Systemic -- ek'vukhulik
 Tachycardia -- sahri-threshan-nosh t'khaf-spol-tav
 Tachypnea -- sahri-threshan-eshan
 Tail (n.) -- harr
 Tall -- ha-vol
 Talus -- mal-nik-hinek
 Tarsal gland -- bezhun-wein-pi'nafek
 Taste -- zahvan
 Taste bud -- zahvek
 Tear(s) -- bezhun-masu
 Tear duct -- bezhun-masu-mev
 Teething -- zudaya
 Telepathy -- kwi-kashtan
 Temperature -- falek'es
 Tendon -- dvunek-tersayek

Tendonitis -- dvunek-tersayek-yonshaya
 Tenodynia -- dvunek-tersayek-kusut
 Testicular cancer -- sakal-rasahtra
 Testis -- sakal
 Testosterone -- sa-dau-tukh
 Thalamus -- zhaitra
 Thelarche -- thasek-storau-palikaya
 Therapy -- ben-gun
 Thermalgesia -- safalek-kusut(-nosh)
 Thigh -- abru-mal
 Thirst -- mag
 Thoracic medicine -- tuf-has-tal
 Thoracic nerve -- tuf-wel
 Thoracic vertebra -- tuf-hinek (or "abru-pla'dor-hinek")
 Thoracocentesis -- tuf-masu-nisan
 Thorax -- tuf
 Throat -- drahk
 Throb(bing) -- gaya
 Thrombectomy -- khaf-vihk-snem
 Thrombocyte -- vihk-nala
 Thrombocytopenia -- fam-nosh t'vihk-nalalar
 Thrombocytosis -- wehk-nosh t'vihk-nalalar
 Thrombus -- shi-klotau-vel
 Thymus -- tuf-pi'nafek
 Thyroid gland -- drahk-pi'nafek
 Tibia -- ne-mal-hinek
 Tinnitus -- kaluk-kusan
 Tissue -- nalatra
 Toe -- gof
 Tongue -- lahv
 Tooth -- zud
 Toxin -- hasam
 Trachea -- esh-mev
 Tracheotomy/Tracheostomy -- esh-mev-tu'ashan
 Tract -- ek'ur
 Transfusion -- khaf-vitanan
 Transplant (n.) -- va'prahik krus
 Transplant (v.) -- va'prah (krus)
 Trauma -- khreya
 Triplet -- t'rehsu
 Tumor -- gnal
 Twin -- t'dahsu
 Tympanic membrane -- zhu-nalatra-tin
 Ulcer -- razhen
 Ulemorrhagia -- zud-wadi-khafaya
 Ulitis -- zud-wadi-yonshaya
 Ulna -- tvik ne-kar-hinek
 Umbilical cord -- tersau-elakh
 Umbilicus -- kesazh
 Unction -- elmuvak
 Unguis -- felu
 Ureter -- kapol-nafek-mev
 Urethra -- vazh-mev

Urethritis -- vazh-mev-yonshaya
Urethropraxis -- vazh-mev-klotaya
Urinate -- vazhau
Urination -- vazhaya
Urine -- vazh
Urodynia -- vazhau-kusut(-nosh)
Uterus -- sudef
Vaccinate -- ro-kasau
Vaccination -- ro-kasaya
Vaccine -- ro-kas
Vagina -- keshtan-ur
Vaginitis -- keshtan-ur-yonshaya
Valve -- spunek
Vas deferens -- suk'sa-nei-mev
Vascular -- khaf-mevik
Vasculitis -- khaf-mev-yonshaya
Vein -- os-khaf-mev
Venom -- uksam
Vertebra -- plat-hinek
Vertebral column -- plat
Vessel -- mev
Vocal cord -- spesek
Voluntary -- toripik
Voluntary muscle -- tash-dvunek
Vulva -- kotik si-guv-kruslar
Waist -- san
Wart -- gakh
Weakness -- kobat'es
Whole blood -- ek'khaf
Wound -- skek
Wrist -- kar-nik
Yawning -- luvaya
Zoophobia -- aushfa-ptak
Zygomatic bone -- nak-hinek
Zygote -- sto-yu-mur

Biology, Botany & Zoology

Ha-tal – Kastik-tal heh Aushfa-tal

The plant and animal life of Vulcan (T'Khasi) is not nearly as diverse as that of many other Class M planets because of the severe environmental conditions on the planet. This does not mean the planet is a barren desert, despite that erroneous belief by many Federation citizens. Especially in the polar regions and around scattered sources of water, including several mid-latitude seas, life forms are quite plentiful. Only in the vast deserts and volcanic regions is life relatively scarce, and even there life has found a way to adapt and survive. In the future, we will add more information on some of the plant and animal life on the planet T'Khasi.

A few examples of Vulcan animal life:

Aluk -- fish (the general term)
 Dzharel -- "jarel", a pony-like horned animal
 Haurok -- a type of bird
 Hayalit -- a small burrowing animal
 K'nurt -- a rabbit-like rodent
 Kenel -- an extinct horse-like animal
 Krin-tu -- "krinti", an extinct wolf-like animal
 Kushel -- bird (the general term)
 Lanka-gar -- "la-nka'gar", a nocturnal predatory bird
 Lara -- a desert bird
 Le-matya -- a large, venomous desert predator
 Mor-gril -- a wolverine-like animal
 Nor-sehlat -- "norsehlat", larger, predatory sehlat relative
 Oluhk -- snake (the general term)
 Ravot -- insect (the general term)
 Ron-tu -- an extinct dog-like animal, was domesticated as a pet
 Sehlat -- a bear-like animal, often domesticated as a pet
 Shavokh -- a large vulture-like bird
 Starok -- a bat-like animal
 Tchakarya -- "chkariya", a small, ferret-like predator
 Tchorka -- "chorka", an extinct camel-like animal
 Teresh-kah -- "te-resh-kah", the Vulcan "silver-bird"
 Ukraluk -- reptile (the general term)
 Valit -- a burrowing animal
 Vralt -- an animal similar to a mountain goat

A few examples of Vulcan plant life:

Alem-vedik -- "salt weed", a desert bush used as a source of salt
 Chakh -- "chakh", an edible plant
 D'mallu -- large, carnivorous plant
 Dun-yar -- "paper grass", traditional source used to make a papyrus-like paper
 Elmin'lak -- oil-bearing plant; its oil is used in traditional oil lamps
 Fek-kastik -- "post plant", woody plant whose straight stocks were once used in construction
 Fnash-vedik -- "sweep weed", grass-like plant once used in making brooms
 Fori -- a type of vegetable
 Haniwah -- a seed-bearing plant
 Hirat -- a grape-like plant

Huhsh-vedik -- "cough weed", a mildly poisonous plant that causes coughing fits if ingested
 Indukah -- "in-du-ka", a red-leafed tree found near water
 Ka-ran-zhi -- "ka-ranj-i", a cactus-like plant
 Kasa -- a type of fruit
 Kastik -- plant (the general term)
 Khara -- a desert bush with an edible pulp
 Kheh -- a type of grain
 Kras -- a common plant
 Kur-kastik -- "color plant", a plant used to make clothing dyes in ancient times
 Kusut-vedik -- "pain weed", a plant whose juice was used to ease pain in ancient times
 Lap -- tree (the general term)
 Li'pon -- a wood-bearing plant
 Lipau-yar -- "knife grass", a sharp-edged grass found near water
 Mashya -- a tuberous vegetable
 Mevak -- a hollow-stemmed reed-like plant
 Mut -- a wheat-like grain
 Pla-savas -- "blue fruit", a sweet blue to black-colored fruit
 Plomik -- "plomeek", a type of vegetable often made into soup
 Sash-savas -- "acid fruit", a strong, citrus-like, oblong fruit
 Savas -- fruit (the general term)
 Sazh -- vegetable (the general term)
 Shaforr -- a type of tree (known as "Eridanian teak" to non-Vulcans)
 Sherkhah -- a wood-bearing plant
 Theris -- a Vulcan herb, often made into tea
 Van-vedik -- "ore weed", plant that only grows where there is iron in the soil
 Vedik -- weed (the general term)
 Waneti -- flowering plant with tiny white blossoms
 Wun-kas-elakh -- "weapon vine", a creeper used to make the ahn-wun in ancient times
 Yar -- grass
 Yelas -- "sun plant", a flowering plant with goldenrod-colored blossoms
 Yon-savas -- "fire fruit", a strongly flavored yellow to red-colored fruit

Examples of Golic Vulcan biological, botanical and zoological terms:

Abcission -- ha-snem
 Absorption -- tvi-seshaya
 Accessory pigment -- gol-kurek
 Accidental species -- kish-koshtri
 Acetic acid -- sfith-masu-sash
 Acicular -- lumik
 Acid soil -- sash-solek
 Acidic dye -- sash-kur-tukh
 Acidophilic -- sash-ashauk
 Acquired characteristics -- prah-noshtralar
 Actinomorphic -- halek-shidik
 Actinomycete -- halek-talvot
 Activator -- torai-vel
 Active transport -- torupik nalatra-ifis
 Acuminate -- sfekik
 Adaptation -- rubilaya

Adaptive breakthrough -- rubilau-sastoraya
 Adaptive radiation -- rubilau-saya
 Adaptive zone -- rubilau-shal
 Adsorption -- fiterpaya
 Aerobe -- sov-ha-vel
 Aerobic -- sov-ladik
 Afforestation -- laptra-storaya
 Agriculture -- urokasaya
 Albino -- fam-kursu
 Albumin -- tesihk
 Alcohol -- naliveh
 Alga -- smol
 Algal bloom -- smol-sposhan
 Allele -- tol-shid
 Allelomorph -- tol-shid
 Amino acid -- sash t'ha-torek
 Anaerobic -- risov-ladik
 Anaphase -- toltra-dahsya
 Androecious -- sa-gohik
 Androecium -- sa-svai-krus
 Anemophily -- k'salan-vikantaya
 Angiosperm -- wein-nei-kastik
 Animal (n.) -- aushfa
 Annual -- wuh-tevunik
 Anther -- lesh-patam t'kas-sa-nei
 Antheridium -- sa-guv-nafek t'ek'os-kastiklar
 Antherocyte -- rivinik kas-sa-nei t'ek'os-kastiklar
 Antherozoid -- kas-sa-nei t'ek'os-kastiklar
 Anthesis -- svai-tu'ashya-wak
 Anthocyanin -- yar-gahv-kurek
 Aplanate -- pa'ashtrupik
 Apomorphic -- stor-shidik
 Aquatic -- masu-hatik
 Archegonium -- ko-guv-nafek t'ek'os-kastiklar
 Arid -- maut-pseth
 Ascorbic acid -- nen-savas-sash
 Asexual -- riguvik
 Asexual reproduction -- riguvik kanashivaya
 Assimilation -- vi-nem
 Association -- katravek
 Assortative mating -- ka-ves-katelaya
 Autosome -- riguv-toltra
 Auxin -- wu-dau-tukh
 Axenic -- riakan
 Axil -- fek-tersau-vul
 Axile -- svitan-fekik
 Axis -- svitan-fek
 Bacillus -- fek-talvot
 Back mutation -- za-tselaya
 Backshore -- pid-shahov
 Backswamp -- ne-flash
 Bacteria -- talvot
 Balanced polymorphism -- kau-mau-shidan

Bark -- lap-wadi
 Basal body -- nen-vukhut
 Basic grassland -- sovash-yartra
 Basophilic -- sovash-ashauk
 Baumgrenze -- lap-ek'zehl
 Beach cusp -- dah-stonn-pi'sef (t'shahov)
 Benthic zone -- glu-masu-shal
 Benthos -- ha-vellar t'masu-lan-tol
 Berry -- nei-savas
 Bicentric distribution -- dah-svitan-shitaya
 Biennial -- dah-tevunik
 Bifid -- dah-krusik
 Binary fission -- ek'dahsaya
 Biodiversity -- ha-don-ka'es
 Biogenic -- ha-torvauk
 Biogeographical barrier -- ha-solektra-foshek
 Biogeographical region -- ha-solektra-shal
 Biogeography -- ha-solektra-tal
 Bioluminescence -- ha-ha'tanaya
 Biomass -- hatra
 Biome -- ha-kas-shal
 Biospecies -- k'wuhl-koshtri
 Biosynthesis -- ha-fereikan
 Biotic -- hatik
 Biotic association -- ha-katravek
 Biotic factor -- ha-klai
 Biotopographic -- ha-solektra-shidik
 Biotroph -- sakasu-nalatra-neshuhk
 Biotype -- ha-ves
 Biozone -- wak-ha-shal
 Bipinnate -- dah-patik
 Bisexual -- dah-guvik
 Bladder (botany) -- sa'haf
 Blanket bog -- pa'ash-flasikh
 Blight -- luk-has
 Bloom (n.) -- svai; sposhan
 Bloom (v.) -- svai-tor
 Blooming -- svai-tu'ashya
 Bog -- flasikh
 Bole -- lap-fek
 Boreal climate -- pid-samek-ek'nosh
 Boreal forest -- pid-samek-laptra
 Brackish -- krus-alem-masupik
 Branch -- gel
 Breed (n.) -- kosh-ves
 Broad-leaf -- eik-mor-kastik, eik-mor-lap
 Broad-leaved -- eik-morik
 Broad-leaved deciduous forest -- eik-morik set-mor-laptra
 Broad-leaved evergreen forest -- eik-morik kwon-mor-laptra
 Bud (flower only) -- svai-mur
 Bud (leaf, stem, etc.) -- krus-mur
 Buffer -- fukat
 Bulb -- kas-mur

Calyx -- svai-mortra
Cambium -- to'ovau-tin t'lap-vukhut
Campanulate -- kus-vakh-shidik
Canopy -- lap-wein-tin
Capillary action -- solek-pi'mev-torai
Capillary moisture -- solek-pi'mev-masu'es
Carotene -- kas-zhar-kurek
Carpel -- kas-ko-krus
Caryopsis -- yartik-savas
Cell -- nala
Cell culture -- nala-litra
Cell cycle -- nala-da-nel
Cell differentiation -- nala-natyantek
Cell fusion -- nala-kaunshaya
Cell growth -- nala-to'ovaya
Cell membrane -- nala-wein
Cell wall -- nala-temok
Cellular -- nalatik
Cellulose -- nen-kas-tukh
Centrifuge -- dahshayek
Centromere -- toltra-tersau-vel
Chernozem -- nesh-solek
Chitin -- yol
Chlorophyll -- kas-yar-kurek
Chromatid -- toltra-kan
Chromatin -- toltra-tukh
Chromosome -- toltra
Chromosome map -- toltra-besan
Cilium -- nala-isach
Circumnutation -- kulan-to'ovaya
Climax tropical rain forest -- os-masu-laptra
Clod -- solek-vihk
Closed canopy -- ikap-lap-wein
Cloud forest -- wan-vok-laptra
Coccolith -- guv-smol-mathra
Coccus -- dukal-talvot
Coevolution -- ter-wakrubaya
Cofactor -- ter-klai
Community -- ha-travek
Competition -- kuhlaya
Competitive exclusion principle -- kuhlau-sanan-dvatai
Cone -- thav
Conifer -- thav-lap
Convergent evolution -- teretau-wakrubaya
Copse -- pi'laptra
Cordate -- khaf-spol-shidik
Corolla -- kur-mortra
Cross-breeding -- tuhsau-kosh-vesaya
Cross-pollination -- tuhsau-kas-vikantaya
Cryophilic -- samek-ashauk
Culm -- lesek-pi'fek
Cultivation -- sokasitaya
Cyanobacterium -- pla-yar-talvot

Cytoplasm -- (nen-)nala-tukh
 Daughter cell -- kan-nala
 Daughter nucleus -- kan-nala-svitan
 Deciduous -- set-morik
 Deciduous summer forest -- eik-morik set-mor-laptra
 Deciduous tree -- set-mor-lap
 Deformity -- riyeht-shid'es
 Dehiscent -- nei-savas-tu'ashik
 Dehydration -- nemashaya
 Density -- ihn'es
 Dentate -- zudlar-shidik
 Denticulate -- pi'zudlar-shidik
 Deoxyribonucleic acid (DNA) -- sash t'dah-ha-svitan (SDH)
 Desert -- eshikh
 Desertification -- eshikh-storaya
 Dessication -- psethilaya
 Detritivore -- ha-guhsh-yokulsu
 Detritus -- ha-guhsh
 Development -- storaya
 Differentiated -- natilauk
 Differentiation -- natilaya
 Diffusion -- sasak
 Dimer -- dah-ketek
 Dimerous -- dah-krusik
 Dimictic -- dah-da-kuvauk
 Dioecious -- natya-kasik
 Diplococcus -- dah-dukak-talvot
 Diploid -- dah-toltra-nala
 Disassortative mating -- rika-ves-katelaya
 Dispersal -- saganaya
 Dispersal barrier -- saganau-foshek
 Dispersal mechanism -- saganau-tor-vel
 Dissolved oxygen level -- fezhau-vok t'masu-esh-tukh
 Diurnal -- gad-wakik
 Diurnal temperature variation -- gad-wakik falek'es-vuhnaya
 Diversity -- don-ka'es
 Domestication -- ha'kelikaya
 Dominant -- abrupik
 Drupe -- kahm-savas
 Dry season -- pseth-tevun-yonuk
 Dystrophic -- gan-tevanik
 Ecosystem -- ha-ek'torektra
 Ectoparasite -- si-neshuhk
 Endobiotic -- tvi-hatik
 Endoparasite -- tvi-neshuhk
 Endoplasm -- tvi-tukh
 Energy flow -- tepul-yumaya
 Entomophilous -- ravot-ashauk
 Environment -- ek'sitra
 Enzyme -- zalu
 Ephemeral -- sahr-kastik
 Ephemerophyte -- sahr-kastik
 Epibiotic -- fi-hatik

Epidermis -- si-wadi
 Epilimnion -- abru-masu-tin t'suk'muzh
 Epipellic -- fi-vrel-hatik
 Epiphyte -- fi-vath-kastik
 Epiphytotic -- kas-shal-has
 Ergot -- yartik-luk
 Essential element -- bolayek-meilak
 Etiolation -- mu'gel-to'ovaya
 Euhaline -- krus-alem-masupik
 Eukaryote -- svitan-ha-gel
 Euphotic zone -- masu-ha'gel-shal
 Euryecious -- eik-shal-hatik
 Euryhaline -- eik-alem'es-kupik
 Euryoxic -- ek'esh-tukh-kupik
 Euryphagic -- eik-yokulik
 Eurythermal -- eik-falek'es-kupik
 Eutrophic -- don-katik
 Evanescent -- rikwonik
 Evergreen (adj.) -- kwon-morik
 Evergreen (n.) -- kwon-mor-kastik, kwon-mor-lap
 Evergreen forest -- kwon-mor-laptra
 Evolution -- wakrubaya
 Evolutionary lineage -- wakrubau-zehl'es
 Evolutionary rate -- wakrubau-tav
 Evolutionary trend -- wakrubau-venek
 Exclusion principle -- sanan-dvatai
 Exocytosis -- nala-kaushau-khrashaya
 Exotic species -- akan-koshtri
 Experimental error -- spolek-lafosh
 Extant -- i'hatik
 Extinct -- ek'tevik
 Extinction -- ek'tevan
 Factor -- klai
 Facultative parasite -- on-neshuhk
 Fatty acid -- the'l'a-sash
 Fauna -- aushfatra
 Female (adj.) -- kotik
 Female (n.) -- ko
 Fertility -- kanash'es
 Fertilization -- vikantaya
 Fiber -- slah
 Filament -- pi'elakh (contraction variant: pelakh)
 Filiform -- pi'elakh-shidik
 Flagellum -- dvunel-pi'harr
 Flora -- kastra
 Floret -- wuh-svai-krus
 Flower (n.) -- svai
 Flower (v.) -- svai-tor
 Foliose -- mor-kahk
 Forest -- laptra
 Freshwater (adj.) -- slor-masutik
 Freshwater (n.) -- slor-masu
 Fructification -- savasaya

Fruit -- savas
Fungus -- luk
Fuscous -- mu-kur
Gamete -- vinik guv-nala
Gametocyte -- rivinik guv-nala
Gametogenesis -- guv-nala-storaya
Gaseous exchange -- pa-tukh-di'kizh
Gender -- guv
Gene -- tol
Gene conversion -- tol-rushan
Gene duplication -- tol-va'asaya
Gene family -- tol-travek
Gene flow -- tol-yumaya
Gene pool -- tol-patra
General adaptation -- pa'es-rubilaya
Genetic code -- tol-kiht
Genetic engineering -- tol-mish-tal
Genetic variance -- tol-vuhnaya
Geophyte -- ne-lesh-kastik
Glucose -- nen-slor-tukh
Golgi body -- suvan-vel
Grassland -- yartra
Greenhouse effect -- kastik-kelek-daya
Ground cover -- lap-solektra-wein
Ground layer -- kas-solektra-tin
Grove -- pi'laptra
Growing season -- to'ovau-tevun-yonuk
Growth -- to'ovaya
Growth regulator -- to'ovau-khartek
Gymnosperm -- riwein-nei-kastik
Gynoecious -- ko-gohik
Gynoecium -- ko-svai-krus
Habitat -- ha'kiv-shal
Halophilic -- alem-ashauk
Halophyte -- alem-solektra-kastik
Haulm -- kas-pi'fek
Hekistotherm -- pid-samek-kastik
Heliophyte -- ek'ha'gel-kastik
Helophyte -- ulef-masu-kastik
Herb -- bar-got
Hermaphrodite -- on-kuvsu
Hermaphroditic -- on-kuvik
Hesperidium -- duf-krus-savas
Heterochrony -- natya-wak-vin
Heterogamete -- natya-guv-nala
Heterogamy -- natya-guv-kanashivaya
Heteromorphic -- natya-shidik
Heterophylly -- natya-mor-nosh
Heterosis -- rish-hakar
Hexose -- sheh-slor-tukh
Hilum -- tersau-ulidar
Homeostasis -- tihet-vo'ektilahr-venek
Horotely -- bov-wakrubaya

Humid -- sov-masupik
 Humidity -- sov-masu'es
 Humification -- ha-solek-storaya
 Humus -- ha-solek
 Hyaline -- makhik
 Hybrid -- rish-ha-vel
 Hybrid vigor -- rish-hakar
 Hybrid zone -- rish-ha-shal
 Hydric -- pid-masu'es-kasik
 Hydrolysis (biochem.) -- tukh-masu-folaya
 Hydrophyte -- pid-masu'es-kastik
 Hydroponics -- risolek-to'ovayek
 Hygrophilous -- masu-shal-ashauk
 Hygroscopic water -- solek-potau-masu
 Hypogean -- ne-solektra-hatik
 Hypolimnion -- glu-masu-tin t'suk'muzh
 Immunity -- tefosh'es
 Indehiscent -- rinei-savas-tu'ashik
 Indigenous -- salatik
 Inflorescence -- wek-svai-velek
 Infructescence -- wek-savas-velek
 Iterative evolution -- ashiv-velek-wakrubaya
 Jungle -- nu'ri-masu-laptra
 Ketone -- nalesh(-tukh)
 Ketose -- nalesh-slor-tukh
 Lamina -- thalv-velek
 Lamine (adj.) -- tinik
 Lanceolate -- li-wun-shidik
 Latex -- kas-wan-tukh
 Leaf -- mor
 Leaflet -- wuh-mor-krus
 Lentic -- hayal-masutik
 Lenticular -- dah-si-gelekik
 Lepidote -- pi'wef-weinik
 Lepis -- pi'wef
 Leptodermous -- wonil-wadilik
 Liane (Liana) -- man-kastik
 Life cycle -- ha'kiv-da-nel
 Limb -- (lap-)kar
 Liverwort -- yekvat
 Long-day plant -- wu-gad-kastik
 Longevity -- wu'nil'es
 Lotic -- yumau-masutik
 Macroclimate -- suk'shal-ek'nosh
 Male (adj.) -- satik
 Male (n.) -- sa
 Mangrove forest -- alem-flash-laptra
 Mangrove swamp -- alem-flash
 Marsh -- masu-kastra
 Maturation -- vin
 Mature -- vinik
 Meadow -- ne-yartra
 Meiosis -- ulef-nala-dahsaya

Membrane -- nala-tin
 Meristem -- um-to'ovau-nalatra
 Meromictic -- kwon-tin-masutik
 Mesic -- svi-masu'es-kasik
 Mesophyte -- svi-masu'es-kastik
 Metabolic pathway -- di'kish-torek-yutek
 Metabolism -- di'kish-torek
 Methane -- keh-masunol-tukh
 Methanogenic -- keh-masunol-torvauk
 Methanol -- eshu t'keh-masunol-tukh
 Methanotroph -- keh-masunol-yokulsu
 Methyl -- reh-masunol-tukh
 Methylamine -- sovu t'kau-masunol-tukh
 Methylene -- dah-masunol-tukh
 Methylotroph -- masunol-yokulsu
 Micro-aerobic -- pi'sov-eshupik
 Microbe -- numo-ha-vel
 Microbial -- numo-ha-velik
 Microbiota -- numo-hatra
 Microclimate -- pi'shal-ek'nosh
 Microorganism -- numo-ha-vel
 Microtubule -- numo-pi'mev
 Midrib -- kas-bak, mor-bak
 Migration -- bashan
 Mineral cycle -- ek'tukh-da-nel
 Mineral soil -- ek'tukh-solek
 Mitochondrion -- nala-tepul-vel
 Mitogenic -- ek'nala-dahsau-palikauk
 Mitosis -- ek'nala-dahsaya
 Mitotic spindle -- ek'nala-dahsau-magu
 Mixed woodland -- rish-lap-shal
 Moisture -- masu'es
 Moisture budget -- masu-vo'ekti
 Moisture index -- masu-nakh
 Monoecious -- ka-kasik
 Monosaccharide -- wuh-slortra-tukh
 Montane forest -- suk'kunel-laptra
 Montane zone -- suk'kunel-shal
 Mosaic evolution -- nati-wakrubaya
 Moss -- yekuhl
 Mossy forest -- yekuhl-laptra
 Multifactorial -- wek-klaik
 Multiseriate -- wek-zehlik
 Muriform -- dok-temok-shidik
 Mushroom -- taik-luk
 Mutagen -- tselayek
 Mutagenic -- tselau-palikauk
 Mutant -- tselasu
 Mutation -- tselaya
 Mutation rate -- tselau-tav
 Native (adj.) -- salatik
 Natural -- malatik
 Natural selection -- malat-dvelan

Natural woodland - malat-lap-shal
 Naturalized -- malatuvauk
 Nature -- malat
 Necrosis -- nalatra-tevakh
 Niche -- sha'ti
 Nitrogen fixation -- sov-tukh-nodolaya
 Nocturnal -- mu'yor-wakik
 Nuclear envelope -- nala-svitan-tin
 Nucleoplasm -- svitan-nala-tukh
 Nucleus (cell) -- nala-svitan
 Nut -- kov-savas
 Nutrient -- yem-tanek
 Obligate parasite -- ek'neshuhk
 Obovate -- eik-um-shidik
 Oligotrophic -- glu-kanik
 Ontogeny -- kai-storaya
 Oogenesis -- yu-mur-shidaya
 Orchard -- lap-bah-ker
 Organelle -- pikhut
 Organic -- hatanik
 Organic matter -- hatan-tukh
 Organic soil -- hatan-solek
 Organism -- ha-vel
 Origin -- tveshu
 Osmosis -- k'fai-sanek
 Osmotic pressure -- k'fai-sanek-ne'hish
 Oviparous -- si-yu-mursuk
 Ovum -- (rivikantau-)yu-mur
 Oxidase -- esh-tukhovau-zalu
 Oxidation -- esh-tukhovaya
 Oxygen demand -- esh-tukh-klan
 Oxygenation -- esh-tukhaya
 Pachycaul -- bali-fekik
 Paleosol -- vesht-solek
 Paleospecies -- vesht-koshtri
 Palmate -- sau-krusik
 Pantothenic acid -- eklakalu-sash
 Parallel evolution -- vlavla-wakrubaya
 Parapatric -- beteretik
 Parasite -- neshuhk
 Parthenogenesis -- rivikantau-storaya
 Partial dominance -- ul-abrupik'es
 Partial parasite -- ul-neshuhk-kastik
 Particle density -- solek-krus-ihn'es
 Peltate -- fo-dan-shidik
 Pentamerous -- kau-krusik
 Pentose -- kau-slor-tukh
 Percolation -- ne-fna-dvun
 Perennial -- tevunik
 Permease -- nala-lesh-tukh
 Petal -- kur-mor
 Petiole -- mor-pi'fek
 Phloem -- si-tin t'lap-vukhut

Photoperiod -- ha'gel-wak-krus
 Photoreceptor -- ha'gel-poprahek
 Photosynthesis -- ha'gel-fereikan
 Phototaxis -- ha'gel-rubah-dvun
 Phototroph -- ha'gel-yokulsu
 Phylogeny -- ha-ves-storaya
 Phytol -- kas-yar-naliveh
 Phytophagous -- kastik-yokultik
 Pigment -- kurek
 Pinnate -- patik
 Pith -- pi'fek-svitan-nalatra
 Plant -- kastik
 Plesiomorphic -- os-shidik
 Plicate -- heshaik
 Pod -- tvi'haf
 Pollen -- kas-sa-nei
 Pollen rain -- tevan t'kas-sa-nei
 Pollen sac -- sa'haf t'kas-sa-nei
 Pollen tube -- pi'mev t'kas-sa-nei
 Pollination -- kas-vikantaya
 Polysaccharide -- wehk-slortra-tukh
 Polyunsaturated fat -- weht-ribosh-thel'a
 Prairie -- pseth-yar-eiktra
 Primary pigment -- nen-kurek
 Primary structure -- nen-velek
 Primitive -- os-shidik
 Producer -- torvayek
 Production -- torvaya
 Productivity -- torvauk'es
 Protein -- ketek
 Pyrophyte -- yon-kastik
 Pyruvic acid -- nalesh-sash t'reh-nol-tukh
 Quantum evolution -- sposhan-wakrubaya
 Quantum speciation -- sposhan-koshtrivaya
 Quasi-sympatric speciation -- sha'ti-dahsau-koshtrivaya
 Quinone -- natuhekta-tukh
 Race -- koshtri
 Raceme -- svai-teluk
 Radicle -- ten-mal-gir
 Recessive gene -- za-tol
 Reflex -- tvisek
 Refugium -- ha-rau-nol
 Regulator gene -- tash-tol
 Relict -- hafau-ha-vel
 Replicase -- va'asau-zalu
 Replication -- va'asaya
 Reproduction -- kanashivaya
 Resin -- lap-stan-tukh
 Reverse mutation -- pla'rak-tselaya
 Rhizome -- ne-solektra-pi'fek
 Rhizosphere -- gir-shal
 Ribitol -- kau-nol-naliveh
 Ribonucleic acid (RNA) -- sash t'wuh-ha-svitan

Rigidity -- stegal'es
 Ripe -- piyah
 Ripening -- piyahtaya
 Root -- gir
 Root pressure -- gir-ne'hish
 Runner -- sak-fek
 Saccharide -- slotra-tukh
 Saline -- alemik
 Saline soil -- alem-solek
 Salinity -- alem'es
 Salt marsh -- alem-masu-kastra
 Salt stress -- alem-hishel
 Saltwater (adj.) -- alem-masutik
 Saltwater (n.) -- alem-masu
 Sap -- kas-khaf
 Sapling -- kan-lap
 Saprophage -- tevanu-ha-yokulsu
 Saturated fat -- vibosh-thel'a
 Saxicolous -- fi-kov-hatik
 Scavenger -- tevanu-yokulsu
 Sciaphilic -- duvek-ashauk
 Sciophyte -- duvek-kastik
 Secondary structure -- thurai-velek
 Seed -- nei
 Selection -- dvelan
 Self-fertilization -- shai-vikantaya
 Self-pollination -- shai-kas-vikantaya
 Sepal -- svai-mor
 Septum -- temok
 Serrated -- zudlar-shidik
 Sex chromosome -- guv-toltra
 Sexual -- guvik
 Sexual reproduction -- guv-kanashivaya
 Short-day plant -- pen-gad-kastik
 Shrub -- labah
 Slime -- shuhk
 Soil -- solek
 Soil air -- solek-sov
 Soil horizon -- solek-tin
 Soil structure -- solek-velek
 Somatic cell -- tsuri-nala
 Somatic mutation -- tsuri-nala-tselaya
 Speciation -- koshrivaya
 Species -- koshtri
 Species longevity -- koshtri-difan'es
 Spermatozoon -- sa-nei
 Spindle -- magu
 Spontaneous mutation -- shai-tselaya
 Spore -- rikas-sa-nei
 Stamen -- kas-sa-krus
 Stellate -- yel-shidik
 Stem -- kas-fek
 Stipule -- mor-nen-vel

Stock -- fek
 Stolon -- sak-fek
 Stoma -- kas-sharu
 Structure -- velek
 Subclimax tropical rain forest -- nu'ri-masu-laptra
 Subshrub -- ne-labah
 Subspecies -- ne-koshtri
 Sucrase -- potau-slor-zalu
 Sucrose -- potau-slor-tukh
 Swamp -- flash
 Symbiont -- haterkadu
 Symbiosis -- haterkadaya
 Sympatric -- hateretik
 Tachytely -- sahr-wakrubaya
 Taiga -- samek-laptra
 Tannin -- kas-khav-kurek
 Tapetum -- vek t'rikas-sa-nei
 Taxon -- ha-veltra
 Telocentric chromosome -- shaht-toltra
 Ternary fission -- nala-rehsaya
 Terricolous -- fi-solek-to'ovauk
 Testa -- nei-wein
 Tetramer -- keh-ketek
 Tetrameros -- keh-krusik
 Texture -- lef'es
 Thallophyte -- rinatilau-kastik
 Thallose -- rinatilau-kasik
 Thallus -- rinatilau-vukhut
 Theca -- smol-fo
 Thermoduric -- falek-rishupik
 Thermophile -- falek-ashausu
 Thiamine -- wuh-bin-tukh
 Thicket -- pi'laptra
 Thigmotaxis -- esta-sadvun
 Tilth -- sokasitau-solek-nosh
 Timber -- lap-tukh
 Tissue -- nalatra
 Topsoil -- skonn-solek
 Toxin -- hasam
 Trace element -- pi'lek-meilak
 Transpiration -- kas-samasu-eshan
 Tree -- lap
 Trifoliate -- reh-pi'morik
 Trimer -- reh-ketek
 Trimerous -- reh-krusik
 Tropical montane forest -- falu-suk'kunel-laptra
 Tropical rain forest -- falu-masu-laptra
 Tropical seasonal forest -- falu-yonuk-laptra
 Trunk -- lap-fek
 Tuber -- ne-solektra-korsayek
 Turgor -- nala-ne'hish-stegal'es
 Twig -- pi'gel
 Uniramous -- rigelik

Uniseriate -- wuh-zehlik
Unisexual flower -- wuh-guv-svai
Univoltine -- wuh-tevun-vinik
Unsaturated fat -- ribosh-thel'a
Vacuole -- nala-korsau-haf
Vagile -- kup-padvunik
Vagility -- kup-padvun'es
Variation -- vuhnaya
Vegetation -- kastra
Venation -- mor-mevaya
Virion -- rihak-pi'krus
Vine -- kas-elakh
Virion -- rihak-pi'krus
Viroid -- rihak-vel
Virus -- rihak
Viviparous -- tvi-yu-mursuk
Vegetable -- sazh
Weed -- vedik
Wetland(s) -- masu-kas-shal
Wheat -- kap-yar
Wilderness -- shi'kwai
Wildlife -- kwai-aushfatra
Wood -- lapan
Woodland -- lap-shal
Woody -- lapanik
Xanthophyll -- kas-kin-kurek
Xeric -- neik-masu'es-kasik
Xerophyte -- neik-masu'es-kastik
Xylem -- tvi-tin t'lap-vukhut
Xylose -- lapan-slor-tukh
Yeast -- leip-luk
Yolk -- vek
Yolk sac -- vek-sa'haf
Zonation -- shalitaya
Zygomorphic -- wuh-pa'ashutik
Zygote -- sto-yu-mur
Zymase -- naliveh-zalu
Zymogen -- za-zalu

Main Technology Page Nen-Thalu t-Ek'Mishan

INTRODUCTION

Ragtaya

As is well-known throughout the Federation, the Vulcans are noted for their excellence in technology and engineering. In order to survive and prosper on a very harsh planet, the Vulcans learned to create tools and machines relatively early as an absolute necessity for their survival. As is mentioned on our Vulcan history page, their initial industrial revolution took place much faster than that of most advanced humanoid races. Unfortunately, as is also the case with most humanoids, technological developments occurred at a quicker rate during times of war, which were frequent throughout most of Vulcan's history before Surak. Several devastating wars in early times killed millions and destroyed a number of unique planetary cultures. Since the time of Surak, though, the Vulcans have developed their technology peacefully.

The Vulcans attained spaceflight at an early stage and had interplanetary ships many centuries ago. One splinter group of apostate Vulcans left the planet millennia ago and eventually founded the Romulan Empire. Vulcan exploratory vessels traveled throughout the quadrant and made first contact with several technically advanced races, including Earth (Terra), which ultimately lead to the founding of the United Federation of Planets.

"What one person can imagine, another can create" -- Jules Verne, 19th Century human writer & visionary

"Technological development without logic is suicide" -- Sokal, famous Vulcan inventor & Surak contemporary

TERMINOLOGY

Zhilakam

As with most technically advanced races, the Vulcans have a huge vocabulary of specialized terms for use in the technical, engineering, spacefaring, infrastructure and weaponry fields. As is also common with many advanced cultures, a word or term may have a different meaning when used in a domestic situation as compared to a technical situation. Below you will find a substantial introduction to a wide range of technical words and terminology:

Ablative hull armor -- falkrashauk khut-fo-wein
 Abrasive (n.) -- gashayek
 Absorbent (n.) -- vi-seshayek
 Accelerator -- sahrayek
 Access panel -- thro-wein
 Active polaron scan -- torupik narak-vel-glashaya
 Adapter -- rubilau-vel
 Adhesive (n.) -- terpayek
 Aft parabolic thruster -- za-dahkvalu-kwitek
 Aft plasma vent -- za-snazh-krau
 Aft thruster compartment -- za-kwitek-sutauk
 Air conditioner -- sov-noshek
 Air conditioning -- sov-noshaya

Air conditioning duct -- sov-noshau-mev
 Aircraft -- sov-hali
 Airliner -- sov-su-yata
 Airlock -- fna-svpep
 Alarm -- vikayek
 Alignment -- zehl'es
 Alkaline battery -- sovash-kipof
 Altimeter -- pidek-thonek
 Amplifier -- ashenayek
 Android -- sutorsu
 Anemometer -- salan-thonek
 Anodyne circuit -- raf-kuv t'kusut-toranu
 Antenna -- kash-gel
 Antenna grid -- kash-gel-vis
 Anti-backdraft valve -- tehn-zafnalan-spunek
 Anti-grav (unit) -- tehn-ne-seshanek
 Anti-graviton beam -- tehn-sesh'gal-zehlek
 Anti-graviton beam emitter -- sayek t'tehn-sesh'gal-zehlek
 Aquaduct -- masu-ur
 Architect -- te'koshfet
 Architecture -- te'kosh
 Armor -- fo-wein
 Array (n.) -- zehlaya
 Arrow -- kliton
 Artificial -- sutorik
 Artificial gravity -- sutor-ne-seshan
 Artificial gravity generator -- ferek t'sutor-ne-seshan
 Artificial gravity plate (grav-plate) -- ne-seshan-math
 Ascent thruster -- shen-kwitek
 Assembly -- feretai
 Astrogator -- stukh-kharayek
 Astrometric sensor -- stukh-thonau-kashek
 Asymmetric decryption circuit -- ritalikalik sasatilau-raf-kuv
 Asymmetric encryption circuit -- ritalikalik visatilau-raf-kuv
 Auto-dock system -- shati-kifau-torektra
 Auto-landing system -- shati-fisolekau-torektra
 Autodoctor (Autodoc) -- shati-hassu
 Auxiliary control (room) -- kvath-tash-svitan
 Auxiliary core -- kvath-tviyan
 Auxiliary fire control (room) -- kvath-pohshau-svitan
 Auxiliary power interface -- kvath-tepul-tvihanek
 Ax(e) -- la'ash
 Axle -- da-fek
 Axonal amplifier -- wel-elakh-ashenayek
 Backup data network -- kvath-faik-vistra
 Backup neuro-electric power cell -- kvath-tepul-nala t'wel-raf-tepul
 Balance (scales) -- vo'ekti
 Balcony -- fal-yat
 Barrel (container) -- subok
 Barrel (gun) -- wun-mev
 Barometer -- sov-ne'hish-thonek
 Baryon sensor -- pu'gal-kashek
 Base (support) -- nen

Basket -- ki'haf
Bathyscaph -- glu-masutra-hali
Bathysphere -- glu-masutra-vel
Battery -- kipof
Beacon -- glaribek
Beam (ray) -- ha'zehl
Beam boost injector -- ha'zehl-aborau-vipohshayek
Beam emitter -- ha'zehl-sayek
Beam force selector -- ha'zehl-nekwitau-dvelek
Beam width selector -- ha'zehl-eik'es-dvelek
Bell -- kus-vakh
Belt -- san-zhel
Benamite crystal -- benam-tukh-khush
Beta matrix compositor -- tih-viskulan-tertitayek
Bicycle -- dah-halek
Bio-scanner -- ha-glashayek
Biogenic compound -- ha-storau-tukh
Biomimetic gel -- ha-va'amau-khlup
Biosynthetic limb -- ha-sutorik sikrus
Blast shutter -- thorsh-fo-wein
Blower -- salur-vel
Boat -- masu-hali
Boiler -- kanek
Bomb -- thorshek
Booster -- aborayek
Booster modulator -- aborayek-nakihtilayek
Bottle -- mashek
Bow (n.) -- khom-krus
Bowl -- yerak
Box -- natuhn
Breaker -- (raf-)shayek
Breakthrough -- sastoraya
Brick -- dok
Bridge (command center) -- tash-svitan
Bridge (structure) -- mesut
Bridge access relay -- thro-gol'dvunek t'tash-svitan
Buffer (n.) -- fukat
Buffer circuit -- fukat-raf-kuv
Building -- kelek
Bulkhead -- tvi-temok
Bussard collector -- tershayek t'Bussard
Button -- gonaf
Cabinet -- tsorayek
Cable -- elakh
Caliper(s) -- bal-thonek
Cam -- ok
Camshaft -- ok-fek
Canal -- masu-yut
Cannon -- thorshun
Capacitor -- tsorek
Cargo bay -- tusla-sutauk
Cargo hold -- tusla-tsorau-shal
Cargo loading floor -- tusla-tus-tol

Cargo module -- tusla-natel
 Cargo pod -- tusla-tvi'haf
 Cargo storage complex -- tusla-tsorau-keltra
 Cargo transporter -- tusla-ifisek
 Cargo unit -- tusla-kebi
 Carrier wave -- lesh-pral
 Catalyst -- torai-tukh
 Catwalk -- mesah
 Chain -- mokev-elakh
 Chair -- ku-san
 Chamber -- tvi-shal
 Charge (electrical) -- falun
 Chiller -- samuyek
 Chime (n.) -- kusek
 Chimney -- vuzh-mev
 Chromodynamic light -- kur-toranu-ha'gel
 Chromoelectric force field -- fosh-vunai t'kur-raf-tepul
 Chroniton -- wak'gal
 Chroniton beam -- wak'gal-zehlek
 Chronometer -- wak-vel
 Circuit -- raf-kuv
 Circuit breaker -- raf-kuv-shayek
 Circuit relay -- raf-kuv-gol'dvunek
 Circuitry -- raf-kuvtra
 Clarifier -- pa'shayek
 Clock -- wak-vel
 Coaxial cable -- elakh t'dah-da-sfek
 Coaxial induction drive -- vimevilau-yeturek t'dah-da-sfek
 Coaxial warp drive -- tchas-yeturek t'dah-da-sfek
 Coherent neutrino beam -- thak-ska'gal-zehlek
 Coil -- pakuv
 Coil spanner -- pakuv-mish-raul
 Combustion chamber -- yontau-tvi-shal
 Command processor -- khartau-patorayek
 Communications laser -- sviribau-ha'zehlek
 Communications relay -- sviribau-gol'dvunek

 Communicator -- sviribayek
 Compactor -- lerakhovau-vel
 Compiler -- travilayek
 Compressed air -- lerakh-sov
 Compression -- lerakh'es
 Compressor -- lerakovayek
 Computer -- tum-vel
 Computer bank -- tum-vel-kutra
 Computer bay -- tum-vel-sutauk
 Computer core -- tum-vel-tviyan
 Computer display -- tum-vel-gluyayek
 Computer interface -- tum-vel-tvihanek
 Computer memory -- tum-vel-vokaya
 Condition red tracer light -- zavikau-ha'gel t'yon-kur-nosh
 Conductor -- spayek
 Conduit -- mev

Connecting dorsal -- tersau-ralek
Connection -- tersaya
Connector -- tersayek
Container -- tuhlek
Containment field -- tuhlau-vunai
Containment system -- tuhlau-torektra
Control (device) -- tashek
Control console -- tashal
Control panel -- tash-math
Control pedestal -- tash-nelka
Controller -- tashek
Converter -- rushanek
Coolant -- samuyau-tukh
Cooler -- samuyek
Cooling unit -- samuyau-kebi
Core -- tviyan
Core matrix -- tviyan-viskulan
Corridor -- tvur
Coupler -- teretek
Coupling -- tersayek
Course programming panel -- rivak-tumau-math
Craft (vehicle) -- hali
Cryogenic fluid -- samu-tor-masu
Cryogenic fluid supply line -- tanilau-mev t'samu-tor-masu
Cryogenic storage unit -- korsau-kebi t'samu-tor-vitaya
Cultivator -- sokasitayek
Cup -- monek
Cupboard -- tsorayek
Dagger -- lipitah
Damage control -- zakar-tash
Dampening field -- fish-vunai
Data crystal phase inverter -- wek-abomesayek t'faik-khush
Data input access panel -- thro-wein t'faik-svin
Data interface -- faik-tvihanek
Data network -- faik-vistra
Data node -- faik-kal
Data storage device -- faik-tsorau-vel
De-hiss circuit -- sashisau-raf-kuv
Deck -- lan-tol
Decoder -- sakihtek
Decompiler -- satravilayek
Decryption matrix -- sasatilau-viskulan
Deep space imaging system -- glakuvau-torektra t'glu-stukh
Defense -- fosh
Deflector (shield) -- sakwitayek
Deflector (shield) grid -- sakwitayek-vis
Deflector array -- sakwitayek-zehlaya
Deflector field generator -- sakwitayek-vunai-ferek
Demodulator -- sakihtilayek
Densitometer -- ihn-thonek
Depth finder -- gluder-thonek
Dermal regenerator -- wadi-vaferek
Detonator -- thorshayek

Deuterium injector -- vipohshayek t'dah-masu-tukh
 Developer (device) -- storayek
 Deviation plotter -- tekeret-besayek
 Differential induction drive -- natilau-vimevilau-yeturek
 Diffuser -- sasek
 Dilithium -- dah-pim-tukh
 Dilithium articulation frame -- terfitilau-nentu t'dah-pim-tukh
 Dilithium containment pedestal -- tuhlau-nelka t'dah-pim-khushlar
 Dilithium coupling -- dah-pim-tersayek
 Dilithium crystal -- dah-pim-khush
 Dilithium mining facility -- van-kebitra t'dah-pim-tukh
 Dilithium reactor -- dah-pim-folayek
 Diplomatic courier vessel -- dutar-shan-hali
 Discriminator -- sakathilayek
 Disintegrator -- fezhilayek
 Dispenser -- tanek
 Display (n.) -- gluvayek
 Disrupter -- feshelek
 Disrupter induction coil -- feshelek-vimevilau-pakuv
 Distress beacon -- flakosh-glaribek
 Distress signal -- flakosh-glantokaya
 Distribution manifold -- sagan-wehk-vel
 Distribution node -- sagan-kal
 Distributor -- saganek
 DNA acquisition sensor -- prah-kashek t'SDH
 Docking latch -- kifau-kuhr
 Docking light -- kifau-ha'gel
 Docking port -- kifau-tersvep
 Door -- svep
 Drain (loss) -- smashaya
 Drain (pipe) -- smash-mev
 Drive (n.) -- yeturek
 Drive section -- yeturek-krus
 Driver coil -- yetur-pakuv
 Driver coil assembly -- yetur-pakuv-feretai
 Duct -- mev
 Duonetic coupler -- dah-fel-teretek
 Dynamo -- toranelek
 Dyson sphere -- ek'kal t'Daison
 Efficiency rating -- yeht-urgam'es-tavan
 Ejector -- dakh-vel
 Electricity -- raf-tepul
 Electrodynamic fluid -- raf-toranu-masu
 Electrodynamic probe -- raf-toranu-nisayek
 Electroferretic diffuser -- raf-shek-sasek
 Electron resonance scanner -- u'gal-kusilau-glashayek
 Electronics bay -- raf-ar'kada-sutauk
 Elevator -- sa'adek
 Emergency anti-grav thruster -- kefik tehn-sesh-kwitek
 Emergency atmospheric gas feed -- kef-tanilau-mev t'igen-pa-tukh
 Emergency battery room -- kef-kipof-shal
 Emergency bridge -- kvath-tash-svitan
 Emergency containment grid -- kef-tuhlau-vis

Emergency flush intake -- prah-vel t'kef-kluhvaya
Emergency flush vent -- kef-kluhvau-krau
Emergency hatch -- kef-thro-svep
Emergency landing leg -- kef-fisolekau-mal
Emergency medical hologram (EMH) -- kefik has-reh-bikuvsu
Emergency life support -- kef-ha'kiv-nenikaya
Emergency survival compartment -- kef-rishan-tsorayek
Emergency transporter -- kef-ifisek
Emitter -- sayek
Emitter array -- sau-zehlaya
Encoder -- vikihtek
Encryption matrix -- visatilau-viskulan
Energy -- tepul
Energy focusing matrix -- tepul-thakau-viskulan
Engine -- mishu
Engineer -- mishek
Engineering (field) -- mish-tal
Engineering (spaces) -- mish-shal
Engineering computer bay -- tum-vel-sutauk t'mish-shal
Environmental systems monitor -- glantayek t'ek'sitra-torektralar
EPS conduit -- raf-snazh-mev
EPS matrix converter -- viskulan-rushanek t'raf-snazh
EPS regulator -- raf-snazh-pakhartayek
EPS relay -- raf-snazh-gol'dvunek
EPS system -- raf-snazh-torektra
Equipment (gear) -- tanovau-tukh
Equipment (machinery) -- mishitra
Escalator -- shenek
Exchange matrix -- di'kizh-viskulan
Evaporator -- na-sovayek
Experiment -- spolek
Explosives -- thorshau-tukh
Extravehicular activity (EVA) -- si-hali-torai
Fabricator -- zhukek
Fan (device) -- sovek
Fiber-optic cable -- ha'gel-slah-elakh
Fiber-optic data network -- faik-vistra t'ha'gel-slah-elakh
Field (n.) -- vunai
Field coil -- vunai-pakuv
Field generator matrix -- vunai-ferek-viskulan
Field stabilizer Filament -- pelakh
Filter (n.) -- kapol
Filtration -- kapol-toraya
Fingerprint scanner -- ozhidar-glashayek
Fire control panel -- pohshau-tash-math
Fire retardant -- yon-vohr-tukh
Fire suppressant -- yon-nelau-tukh
Fire suppression system -- yon-nelau-torektra
Fission reactor -- galu-dahshau-foleyek
Floodlight -- zup-ha'gel
Floor -- lan-tol
Flow monitor -- yumau-thonek
Flow regulator -- yumau-pakhartayek

Flow sensor -- yumau-kashek
 Flux capacitor -- gasu-tsorek
 Flux coupler -- gasu-teretek
 Flux modifier safeties -- gasu-rubitau-ek'maneklar
 Focusing barrel -- thakau-wun-mev
 Food dispenser -- yem-tanek
 Food synthesis unit -- yem-fereik-kebi
 Force field -- fosh-vunai
 Force field barrier -- fosh-vunai-foshek
 Force field generator -- fosh-vunai-ferek
 Forced ejection system -- nekwitau-dakh-torektra
 Foundation -- nen
 Four-way interlink shunt -- keh-yutik tvinaf-mutau-vel
 Frequency discriminator -- vakav'es-sakathilayek
 Fresh water tank -- slor-masu-tuhlek
 Freezer -- le-sumayek
 Fuel -- hal-tukh
 Fuse (n.) -- shau-vel
 Fusion reactor -- galu-kaunshau-folayek
 Gain control -- nazh-tashek
 Galley (kitchen) -- af'tum
 Gangway -- thro-yut
 Garage -- pi'hali-kel
 Gas flow separator -- dahshayek t'pa-tukh-yumaya
 Gas grenade -- pa-tukh-thorshek
 Gauge -- mik-yal
 Gear (equipment) -- tanovau-tukh
 Gear (mechanical) -- zud-halek
 Generator -- ferek
 Glass -- makh
 Grav-plate -- ne-seshan-math
 Gravimetric pulse -- seshilan-sagaya
 Gravimetric scanner -- seshilan-glashayek
 Gravimetric shear -- seshilan-eitaya
 Gravitic calipers -- seshu-bal-thonek
 Gravitic mine -- seshu-ip-thorshek
 Gravitic sensor -- seshu-kashek
 Graviton beam -- sesh'gal-zehlek
 Graviton beam emitter -- sesh'gal-zehlek-sayek
 Graviton field -- sesh'gal-vunai
 Graviton stabilizer -- sesh'gal-tihetilayek
 Grenade -- lehm-thorshek
 Gun -- pohshayek
 Gyrodyne relay -- pada-toranu-gol'dvunek
 Gyromagnetic stabilizer -- pada-seshan-tihetilayek
 Gyroscope -- vo'ekti-padanek
 Hall(way) -- tvur
 Hammer (n.) -- mah-vel
 Hand phaser -- el'ru-wek-zehlek
 Hangar -- hali-kel
 Hatch -- thro-svep
 Hatch window -- throp-svep-krani
 Heat sink -- falek-seshayek

Heater -- falekek
 Helicopter -- da-rala-hali
 Helm (station) -- dakharau-shal
 Helm control panel -- dakharau-tash-math
 High energy flux conductor -- gasu-spayek t'pid-tepul
 High pressure atmospheric gas feed -- pid-ne'hish-mev t'igen-pa-tukh
 Hinge -- tu'adayek
 Holding cell -- potau-tvi-shal
 Holo-emitter -- reh-bikuv-sayek
 Holodeck -- reh-bikuv-sutauk
 Hologram (inanimate object or non-sentient being) -- reh-bikuv
 Hologram (image of sentient being) -- reh-bikuvsu
 Holographic projector -- reh-bikuv-salehmek
 Holomatrix -- reh-bikuv-viskulan
 Hydrometer -- masu-thonek
 Hydrosprayer -- vunai-mish-raul
 Hygrometer -- sov-masu-thonek
 Hyperimpulse drive -- pid-kwitau-yeturek
 Hypersprayer -- wek-mish-raul
 Hypospray -- pa-vipohtek
 Igniter -- yonek
 Impulse deflection crystal -- kwitau-sakwitau-khush
 Impulse drive -- kwitau-yeturek
 Impulse drive prestart sequencer -- fe-palikau-zehlanayek t'kwitau-yeturek
 Impulse engine -- kwitau-mishu
 Impulse engine induction matrix -- vimevilau-viskulan t'kwitau-mishu
 Impulse flow regulator -- kwitau-yumau-pakhartayek
 Inclinator -- galat-thonek
 Induction grid -- vimevilau-vis
 Induction modulator -- vimevilau-nakihtilayek
 Induction stabilizer -- vimevilau-tihetilayek
 Inertial dampening field -- kahla-fish-vunai
 Inertial dampening generator -- kahla-fish-ferek
 Inertial damper -- kahla-fishek
 Information subsystems monitor -- glantayek t'ro'fori-ne-torektralar
 Inhibitor -- netehnovayek
 Initiator -- palikayek
 Injector -- vipohshayek
 Injector valve -- vipohshau-spunek
 Ink -- neshuk
 Inlet flow sensor -- kashek t'prah-vel-yumaya
 Inner hatch -- tvi-thro-svep
 Input gain mode stabilizer -- svin-nazhu-tihetilayek
 Input sampling buffer -- svin-li-fukat
 Insignia communicator -- terseht-sviribayek
 Intake -- prah-vel
 Integration matrix -- ketilau-viskulan
 Integrator -- ketilayek
 Intercom -- tvi-sviribayek
 Intercom system -- tvi-sviribau-torektra
 Intercom unit -- tvi-sviribau-kebi
 Intercooler -- tvi-samuyek
 Interface -- tvihanek

Interface program -- tvihan-tumaya
Interlink -- tvinaf
Interlink sequencer -- tvinaf-zehlanayek
Intermix chamber -- rish-folau-vel
Intermix shaft -- rish-folau-ur
Internal combustion engine -- tvi-yontau-mishu
Internal scan relay -- tvi-glashau-gol'dvunek
Internal security monitor -- tvi-shar-glantayek
Internal transporter node -- tvi-ifisek-kal
Interphase -- tvi-wek
Interphasic coil spanner -- tvi-wekik pakuv-mish-raul
Interplexing beacon -- tvi-wehkilau-glaribek
Invention -- fereik-vel
Inverter -- abomesayek
Ion -- falun-krus
Ion drive -- falun-krus-yeturek
Ion radiation filter -- saya-kapol t'falun-krus
Ion transtator -- falun-krus-mesnoshek
Isodyne relay -- ka-toranu-gol'dvunek
Isokinetic cannon -- ka-dvun-thorshun
Isokinetic containment field -- ka-dvunik tuhlau-vunai
Isolation hatch -- dahshau-shal-svep
Isolinear buffer circuit -- ka-zehlik fukat-raf-kuv
Isolinear emitter -- ka-zehlik sayek
Isolinear memory chip -- ka-zehlik vokau-val
Isolinear processor -- ka-zehlik patorayek
Isolinear static memory core -- ka-zehlik vit-vokau-tviyan
Isomagnetic conduit -- ka-seshan-mev
Jeffries tube -- thro-mev t'Dzhefris
Key (n.) -- tal-muv
Keyboard -- ozh-svin-math
Kinetic detonator -- dvukwul-thorshayek
Knife -- lipau
LaCoya spanner -- mish-raul t'LaKoya
Ladder -- pu'uth
Lance (n.) -- li-wun
Landing bay -- fisolekau-sutauk
Laser -- ha'zehlek
Laser cannon -- ha'zehlek-thorshun
Latch -- kuhr
Lateral impulse control system -- vlaik kwitau-tash-torektra
Lateral impulse thruster -- vlaik kwitau-kwitek
Lathe -- da-skrimmek
Launch bay -- spusau-sutauk
Launch sequencer -- spusau-zehlanayek
Lead-acid battery -- ras-sash-kipof
Length -- wu-vath
Library computer -- oska-tum-vel
Library Computer Access & Retrieval System (LCARS) -- Ek'thro-torektra t'Oska-tum-vel
Life support -- ha'kiv-nenikaya
Lifeboat -- rishan-hali
Lifepod -- rishan-tvi'haf
Light -- ha'gel

Light bulb -- ha'gelek
 Light panel -- ha'gel-math
 Lighting -- ha'gelan
 Linear intermix system -- zehlik rish-folau-torekra
 Linear intermix chamber -- zehlik rish-folau-vel
 Liner, Ocean -- masutra-su-yata
 Lining -- tvitaya
 Lock (n.) -- klachek
 Machine -- mish-vel
 Magnathrust propulsion unit -- datau-kebi t'seshan-kwit
 Magnatomic flux chiller -- samuyek t'seshan-galu-gasu
 Magnet -- seshan-kov
 Magnetic constrictor -- seshan-khluhkayek
 Magnetic field drive -- seshan-vunai-yeturek
 Magnetic field intensity -- seshan-vunai-karik'es
 Magnetic flow field -- seshan-yumau-vunai
 Magnetic plasma guide -- seshan-snazh-kakhartayek
 Magnetic repulsor -- seshan-kwitayek
 Magnetic seal interlock -- tvi-klachek t'seshan-fen
 Magnetic storage bottle -- seshan-korsau-tuhlek
 Magnetometer -- seshan-thonek
 Main archives -- nen-oska
 Main armory -- nen-wun-shal
 Main bridge -- nen-tash-svitan
 Main computer processor -- nen-patorayek t'tum-vel
 Main engineering -- nen-mish-sutauk
 Main gangway hatch -- nen-thro-svep t'thro-yut
 Main viewer -- nen-gluvayek
 Maintenance shop -- rompotau-zup-shal
 Manifold -- wehk-vel
 Manual hatch control -- el'rupik thro-svep-tashek
 Marker beacon -- ulidau-glaribek
 Marker buoy -- ulidayek
 Master differential relay -- tren-natilau-gol'dvunek
 Matrix inverter -- viskulan-abomesayek
 Matter gain -- tukh-nazh
 Matter/antimatter containment system -- tuhlau-torekra t'tukh-tehn-tukh
 Matter/antimatter reactor -- folayek t'tukh-tehn-tukh
 Matter/antimatter reactor assembly (MARA) -- folayek-feretai t'tukh-tehn-tukh
 Matter/antimatter storage facility -- korsau-kebitra t'tukh-tehn-tukh
 Mechanism -- tor-vel
 Medical stasis unit -- has-vitau-kebi
 Medical tricorder -- has-reh-vipladayek
 Memory chip -- vokau-val
 Memory core -- vokau-tvivan
 Memory head -- vokau-patam
 Meter (device) -- thonek
 Micro-computer -- numo-tum-vel
 Micro-diagnostic table -- numo-satalau-pasu
 Microcaliper -- numo-bal-thonek
 Microcellular scanner -- numo-nala-glashayek
 Microdyne coupler -- numo-toranu-teretek
 Microfusion reactor -- numo-kaunshau-folayek

Microinducer -- numo-vimevilayek
 Microlathe -- numo-da-skrimmek
 Microphone -- viralashek
 Micropower conduit -- numo-tepul-mev
 Micropower relay -- numo-tepul-gol'dvunek
 Microscope -- numo-zan-vel
 Microwave frequency waveguide -- vakav'es-pral-yut t'numo-prallar
 Microwave oven -- numo-pral-fasek
 Mine (explosive) -- ip-thorshek
 Missile -- yon-kliton
 Mixer -- rishek
 Modem -- na-sakihtilayek
 Modulator -- nakihtilayek
 Molecular imaging scanner -- galutravek-glakuv-glashayek
 Monitor (checking device) -- glantayek
 Monitor (viewscreen) -- gluvayek
 Morphogenic matrix -- shid-rub-viskulan
 Multi-spatial force field -- wehk-stukhik fosh-vunai
 Multi-spectral sweep -- wehk-kurtra-fnash
 Multidimensional transporter -- wehk-retuka-ifisek
 Multiphasic scan -- wehk-wek-glashaya
 Multiphasic shielding -- wehk-wekik fo-danan
 Multiphasic sweep -- wehk-wek-fnash
 Nacelle -- mishu-leshek
 Nacelle support pylon -- nenikau-tersau-vel t'mishu-leshek
 Navigation (station) -- kharau-shal
 Navigation control panel -- kharau-tash-math
 Navigation light -- kharau-ha'gel
 Navigational deflector -- kharau-sakwitayek
 Navigational deflector monitor -- kharau-sakwitayek-glantayek
 Needle -- lum
 Neodyne light -- uzh-toranu-ha'gel
 Neural transponder -- wel-vavayek
 Neuro-electric field generator -- vunai-ferek t'wel-raf-tepul
 Neuro-electric power cell -- tepul-nala t'wel-raf-tepul
 Nickel-cadmium (NiCad) battery -- orn-stal-kipof
 Noise reduction circuit -- raf-kuv t'ralash-netakidaya
 Oil -- elmin
 Observation port -- glantau-krani
 Oltion coil -- pakuv t'Oltion
 Optical assembly -- gla-feretai
 Optical data network (ODN) -- gla-faik-vistra (GFV)
 Optical interface -- gla-tvihanek
 Optolithic data rod -- gla-kovik faik-fek
 Optronic chip -- gla-ar'kada-val
 Optronic data core -- gla-ar'kadaik faik-tviyan
 Optronic integrator -- gla-ar'kada-ketilayek
 Optronic relay -- gla-ar'kada-gol'dvunek
 Osteoregenerator -- hinek-vaferek
 Outer hatch -- si-thro-svemp
 Outlet -- sek
 Oven -- fasek
 Overload suppressor -- abru-tus-nelayek

Oxygen tank -- esh-tukh-tuhlek
 Paint (n.) -- kras
 Palmprint scanner -- kuidar-glashayek
 Panel (cover) -- wein
 Panel (display) -- (gluvau-)math
 Paper -- dun
 Parametallic hull plating -- plo-mokevik vukh-slaun
 Particle accelerator -- pi'gal-sahrayek
 Particle beam -- pi'gal-zehl
 Particle beam engine -- pi'gal-zehl-mishu
 Pattern buffer -- nel-dath-fukat
 Pedestal -- nelka
 Personnel hatch -- su-thro-svep
 Personnel locator display -- su-shi-gluvayek
 Piezoelectricity -- khush-raf-tepul
 Phase amplifier -- wek-ashenayek
 Phase coil inverter -- wek-pakuv-abomesayek
 Phase decompiler -- wek-satravilayek
 Phase discriminator -- wek-sapa'shayek
 Phase modulator -- wek-nakihtilayek
 Phase shift -- wek-izaya
 Phase-conjugate graviton beam -- wek-terauk sesh'gal-zehlek
 Phase-diverted carrier wave -- wek-mutauk lesh-pral
 Phaser -- wek-zehlek
 Phaser bank -- wek-zehlek-kutra
 Phaser cannon -- wek-zehlek-thorshun
 Phaser coil -- wek-zehlek-pakuv
 Phaser power pack -- tepul-vel t'wek-zehlek
 Phaser rifle -- kar-wek-zehlek
 Photon grenade -- ha'gal-thorshek
 Photon torpedo (Photorp) -- ha'gal-lushun
 Photon torpedo bay -- ha'gal-lushan-sutauk
 Photon torpedo launcher -- ha'gal-lushun-spusayek
 Photon torpedo tube -- ha'gal-lushun-mev
 Pipe -- mev
 Pistol -- el'ru-pohshayek
 Piston -- kwit-patam
 Planetfall hatch -- ek'tra-thro-svep
 Planetfall ramp -- ek'tra-thro-yut
 Plasma conductor -- snazh-spayek
 Plasma conduit -- snazh-mev
 Plasma display subsystem -- ne-torekra t'snazh-gluvaya
 Plasma distribution manifold -- wehk-vel t'snazh-sagan
 Plasma injector -- snazh-vipohshayek
 Plasma intercooler safeties -- ek'maneklar t'snazh-tvi-samuyek
 Plasma modulator -- snazh-nakihtilayek
 Plasma surge -- snazh-tral
 Plasma transfer conduit -- snazh-shan-mev
 Plasma warhead -- snazh-thorsh-tam
 Plotter -- besayek
 Polarc modulator -- narak-nakihtilayek
 Polarity maximizer -- narak-ek'anayek
 Polaron emitter -- na'gal-sayek

Polaron field -- na'gal-vunai
 Port (access) -- tersvep
 Port (window) -- (pauk-)krani
 Portable force field generator -- leshanik fosh-vunai-ferek
 Portable phase discriminator -- leshanik wek-sapa'shayek
 Portable thoron generator -- leshanik thor'gal-ferek
 Potable water -- mon-masu
 Power -- tepul
 Power cell -- tepul-nala
 Power conduit -- tepul-mev
 Power converter -- tepul-rushanek
 Power coupling -- tepul-tersayek
 Power drain -- tepul-smashaya
 Power gauge -- tepul-mik-yal
 Power grid -- tepul-vis
 Power outlet -- tepul-sek
 Power plant -- tepul-torvayek
 Power supply -- tepul-tanilayek
 Power surge -- tepul-tral
 Power transfer conduit -- tepul-shan-mev
 Power trunk -- tepul-terur
 Pre-fire chamber -- tvi-shal t'fe-pohshaya
 Pressure control system -- vihish-tash-torektra
 Pressure control system safeties -- ek'meklar t'vihish-tash-torektra
 Pressure seal -- vihish-fen
 Pressurization duct -- vihish-mev
 Pressurization/depressurization system -- vihish-sahish-torektra
 Primary force field deflector -- nen-sakwitayek t'fosh-vunai
 Primary hull -- nen-vukh
 Primary impulse injector -- nen-kwitau-vipohshayek
 Primary impulse injector plasma vent -- snazh-krau t'nen-kwitau-vipohshayek
 Primary power grid -- nen-tepul-vis
 Primary security net -- nen-shar-vis
 Primary warp plasma feed -- nen-yemek t'tchas-snazh
 Printer -- hishek
 Probe (device) -- nisayek
 Processor -- patorayek
 Program (computer) -- tumaya
 Projector -- salehmek
 Propeller -- dayek
 Propulsion system -- datau-torektra
 Propulsion unit -- datau-kebi
 Protomatter -- fu-tukh
 Prototype -- fu-vel
 Proximity alarm -- be'es-vikayek
 Proximity transceiver -- be'es-sasau-proprahek
 Pulse generator -- sagau-ferek
 Pump (n.) -- spol
 Quantum field -- numen-vunai
 Quantum flux regulator -- numen-gasu-pakhartayek
 Quantum matrix -- numen-viskulan
 Quantum phase inhibitor -- numen-wek-netehnovayek
 Quantum scanner -- numen-glashayek

Quantum torpedo -- numen-lushun
 Quarters -- ha-shal
 Radiation suit (Radsuit) -- saya-saikhut
 Radiator -- sayek
 Radiogenic warhead -- sau-thorsh-tam
 Rake (n.) -- dref
 Ramat detonator -- ramat-thorshayek
 Ray (beam) -- ha'zehl
 Razor -- hohl-vel
 Reactance injector -- folau-vipohshayek
 Reaction-control system (RCS) -- folau-tash-torektra
 Reaction-control thruster -- folau-tash-kwitek
 Reactive body armor -- folauk vukhut-fo-wein
 Reactor -- folayek
 Reactor core -- folayek-tviyan
 Receiver -- poprahek
 Recorder -- vipladayek
 Recorder-marker launch system -- spusau-torektra t'vipladayek-ulidayek
 Recycling -- va'ash-da-nel
 Recycling plant -- va'ash-da-nelek
 Reel (n.) -- magu
 Reflector -- haul-vel
 Refrigerator -- samek-mish-vel
 Refueling port -- hal-tukhau-tersvep
 Regenerative force field -- vafer-fosh-vunai
 Regenerator -- vaferek
 Regulator -- pakhartayek
 Relay (n.) -- gol'dvunek
 Replicator -- nel'ashayek
 Replicator memory core -- kolau-tviyan t'nel'ashayek
 Resonance emitter -- kusilau-sayek
 Resonator -- kusilayek
 Retinal pattern scanner -- nel-dath-glashayek t'glan-nalatra-tin
 Rifle -- kar-pohshayek
 Ring latch -- mokuv-kuhr
 Road -- fau-yut
 Roof -- kam
 Room -- tvi-shal
 Rope -- man-elakh
 Safety (device) -- ek'manek
 Saucer section -- mathra-krus
 Saucer separation -- mathra-dahshaya
 Scan (n.) -- glashaya
 Scan field selector -- glashau-vunai-dvelek
 Scan mode selector -- glashau-nuk-dvelek
 Scan range selector -- glashau-eik'es-dvelek
 Scanner -- glashayek
 Science tricorder -- ek'tal-reh-vipladayek
 Screen (display) -- gluvayek
 Screen (shield) -- sananek
 Seal (n.) -- fen
 Secondary command processor -- dahr-khartau-patorayek
 Secondary hull -- dahr-vukh

Section -- krus
 Security armor -- shar-fo-wein
 Security code -- shar-kiht
 Security scan system -- shar-glashau-torektra
 Selection panel -- dvel-math
 Selector -- dvelek
 Self-destruct (n.) -- shai-vashaya
 Self-destruct system -- shai-vashau-torektra
 Self-replicating mine -- shai-nel'ashauk ip-thorshek
 Self-sustaining holo-emitter -- shati-potunik reh-bikuv-sayek
 Sensor -- kashek
 Sensor activity monitor -- kashek-toran-glantayek
 Sensor array -- kashek-zehlaya
 Sensor array monitor -- glantayek t'kashek-zehlaya-torektra
 Sensor feed -- kashek-yemek
 Sensor focusing coil -- kashek-thakau-pakuv
 Sensor matrix input grid -- svin-vis t'kashek-viskulan
 Sequencer -- zehlanayek
 Sewage -- guhsh-masu
 Sewer main -- guhsh-masu-ek'mev
 Sewing machine -- og-vel
 Shell (n.) -- fo
 Shield (n.) -- fo-dan
 Shield emitter -- fo-dan-sayek
 Shielding -- fo-danan
 Shifter -- izayek
 Ship -- hali
 Shredder -- tresahk-vel
 Shuttle(craft) -- shan-hali
 Shuttle(craft) bay -- shan-hali-sutauk
 Shuttle(craft) bay door -- svep t'shan-hali-sutauk
 Shuttle(craft) hangar -- hali-kel t'shan-hali
 Sickbay -- has-sutauk
 Signal (n.) -- glantokaya
 Signal beacon -- glantokau-glaribek
 Signal generator -- glantokau-ferek
 Signal subprocessor -- glantokau-ne-patorayek
 Site-to-site transporter -- shi-shi-ifisek
 Slipstream drive -- trel-pilash-yeturek
 Smokestack -- vuzh-mev
 Sonic shower -- ralash-mashulayek
 Space-energy field attraction sensor -- skamau-kashek t'stukh-tepul-vunai
 Space-energy/matter sink -- prai-vel t'stukh-tepul-tukh
 Spaceship -- stukh-hali
 Spacesuit -- stukh-saikhut
 Spark (n.) -- kil
 Stasis tube -- vitau-mev
 Speaker -- saralashhek
 Spear (n.) -- tilek
 Speed -- threshan
 Spindle (n.) -- magu
 Stabilizer -- tihetilayek
 Stairs -- kaiden

Stairwell -- kaiden-ur
 Starliner -- yel-su-yata
 Starship -- yel-hali
 Starter -- palikayek
 Stasis -- vitaya
 Status board -- nosh-math
 Stern (n.) -- harr-krus
 Storage compartment -- tsorayek
 Strap (n.) -- zhel
 Structural integrity field (SIF) -- kel-ket'es-vunai
 Structural support -- kel-nenikaya
 Subatomic disrupter -- ne-galu-feshelek
 Subcutaneous transponder -- ne-wadi-vavayek
 Submarine -- ne-masu-hali
 Subprocessor -- ne-patorayek
 Subspace communications -- ne-stukh-sviribaya
 Subspace communicator -- ne-stukh-sviribayek
 Subspace field grid -- vunai-vis t'ne-stukh
 Subspace transceiver array -- sasau-proprah-zehlaya t'ne-stukh
 Subspace uplink -- ne-stukh-abrunaf
 Subspace waveguide -- pral-yut t'ne-stukh
 Superconducting power supply trunk -- pid-spaik tepul-tanilau-terur
 Superconductor -- pid-spayek
 Support pylon -- nenikau-tersau-vel
 Surge arrestor -- tral-pehkayek
 Surgical tissue regenerator -- sharushan-nalatra-vaferok
 Survival suit -- rishan-saikhut
 Switch -- dvelek
 Synaptic stimulator -- wel-haf-kastorilayek
 Synthesizer -- fereikek
 Syringe -- vipotek
 Table -- pasu
 Tachyon beam -- sahr'gal-zehl
 Tachyon field -- sahr'gal-vunai
 Tachyon scanner -- sahr'gal-glashayek
 Tandem impulse unit -- vlavla-kwitau-kebi
 Tank (storage) -- tuhlek
 Targeting sensor -- les-kashek
 Telescope -- irak-zan-vel
 Temporal field generator -- wak-vunai-ferek
 Temporal transmitter -- wak-sasayek
 Temporal transponder -- wak-vavayek
 Teratogenic coolant -- stislak-samuyau-tukh
 Tether coupling -- elsaku-tersayek
 Thermal guidance sensor -- falek-kakhartau-kashek
 Thermometer -- falek-thonek
 Thoron particle-beam rifle -- kar-pohshayek t'thor'gal-zehl
 Thoron shock emitter -- thor'gal-kolau-sayek
 Throttle -- threshan-tashek
 Thrust initiator -- kwit-palikayek
 Thruster -- kwitek
 Thruster array -- kwitek-zehlaya
 Thruster pack -- su-kwitek

Thruster suit -- kwitek-saikhut
Timer -- wakek
Tissue regenerator -- nalatra-vaferek
Tool -- raul
Torpedo -- lushun
Touchkey panel -- esta-tal-muv
Tractor beam -- seshau-zehl
Tractor beam emitter -- seshau-zehl-sayek
Transceiver -- sasau-proprahek
Transceiver array -- sasau-proprah-zehlaya
Transkinetic chamber -- mesakh-dvunik tvi-shal
Transmitter -- sasayek
Transparent aluminum -- fnagla-wan-tukh
Transponder -- vavayek
Transport (vessel) -- ifis-hali
Transport scanning beam -- ifis-glashau-zehlek
Transporter (matter) -- ifisek
Transporter beacon -- ifisek-glaribek
Transporter buffer -- ifisek-fukat
Transporter lock -- ifisek-klachek
Transporter pad -- ifisek-math
Transporter platform -- ifisek-skaf
Transporter room -- ifisek-tvi-shal
Transporter scrambler -- ifisek-parishek
Transtator -- mesnoshek
Transverse bulkhead -- mes-tvi-temok
Transwarp corridor -- mesakh-tchas-tvur
Transwarp drive -- mesakh-tchas-yeturek
Travel pod -- halovau-tvi'haf
Tricobalt explosives -- thorshau-tukh t'reh-pla-tukh
Tricorder -- reh-vipladayek
Trigger -- ozh-gonaf
Trilithium explosives -- thorshau-tukh t'reh-pim-tukh
Trolley coupler -- ne-halektra-teretek
Turbolift -- seshan-sa'adek
Turbolift car -- seshan-sa'adek-hal
Turbolift shaft -- seshan-sa'adek-ur
Unimatrix shielding -- wuh-viskulanik fo-danan
Universal translator -- ek'mesukh-stari-vel
Utility belt -- isan-san-zhel
Valve -- spunek
Velocity -- threshan
Vent (n.) -- krau
Ventilation -- kraulaya
Ventilator -- kraulayek
Vessel (ship) -- hali
Viewer -- gluvayek
Viewing screen -- gluvayek
Viewscreen -- gluvayek
Visual sensor pickup -- gla-kashek-prahek
Voice/data selector -- spes-faik-dvelek
Volume control -- ral'es-tashek
Wall -- temok

Warhead -- thorsh-tam
 Warp core -- tchas-tviyan
 Warp core breach -- tchas-tviyan-shaya
 Warp core matrix compositor -- viskulan-teritayek t'tchas-tviyan
 Warp conduit -- tchas-mev
 Warp diagnostic assembly -- feretai t'tchas-nosh-nisaklar
 Warp drive -- tchas-yeturek
 Warp drive prestart sequencer -- fe-palikau-zehlanayek t'tchas-yeturek
 Warp engine -- tchas-mishu
 Warp engine nacelle -- tchas-mishu-leshek
 Warp factor -- tchas-klai
 Warp field -- tchas-vunai
 Warp field generator unit -- ferek-kebi t'tchas-vunai
 Warp plasma conduit -- tchas-snazh-mev
 Warp plasma filter -- tchas-snazh-kapol
 Warp plasma stabilizer -- tchas-snazh-tihetilayek
 Warp plasma subprocessor -- ne-patorayek t'tchas-snazh
 Warp speed -- tchas-threshan
 Waste management system -- guhsh-khartau-torektra
 Wastewater -- guhsh-masu
 Wastewater recycling plant -- va'ash-da-nelek t'guhsh-masu
 Water main -- masu-ek'mev
 Waveguide -- pral-yut
 Wheel -- halek
 Width -- eik-vath
 Window -- krani
 Wing (n.) -- rala
 Wire (electrical) -- raf-elakh
 Workbee -- ar'kada-ravot
 Workshop -- zup-shal
 Wormhole -- stukh-riur
 Wrench -- mish-vel-raul
 Wrist communicator -- kar-nik-sviribayek

Technological Abbreviations

As is the case with most highly technological humanoids/vulcanoids with spoken and written languages, the Vulcans have developed abbreviations and acronyms to make using the specialized terms in the technical, engineering, spacefaring, infrastructure, weaponry fields, etc., easier in conversation, teaching and documentation. Below you will find an introductory list of some Golic Vulcan technical abbreviations and acronyms:

D-PY (dahshayek t'pa-tukh-yumaya) -- gas flow separator

DKhP (dahr-khartau-patorayek) -- secondary command processor

ESV (ek'mesukh-stari-vel) -- universal translator

ET-OTV (ek'thro-torektra t'Oska-tum-vel) -- Library Computer Access & Retrieval System (LCARS)

FF-TT (folayek-feretai t'tukh-tehn-tukh) -- matter/antimatter reactor assembly (MARA)

FK (faik-kal) -- data node

FPZ-KY (fe-palikau-zehlanayek t'kwitau-yeturek) -- impulse drive prestart sequencer

FPZ-TY (fe-palikau-zehlanayek t'tchas-yeturek) -- warp drive prestart sequencer

FRK (fukat-raf-kuv) -- buffer circuit
FSNS (ferek t'sutor-ne-seshan) -- artificial gravity generator
FTT (folau-tash-torektra) -- reaction-control system (RCS)
FTV (faik-tsorau-vel) -- data storage device
FV (faik-vistra) -- data network
FV-HSE (faik-vistra t'ha'gel-slah-elakh) -- fiber-optic data network
FV-KRT (fosh-vunai t'kur-raf-tepul) -- chromoelectric force field

G-ET (glantayek t'ek'sitra-torektralar) -- environmental systems monitor
G-RNT (glantayek t'ro'fori-ne-torektralar) -- information subsystems monitor
GDF (galu-dahshau-folayek) -- fission reactor
GFV (gla-faik-vistra) -- optical data network (ODN)
GGG (galutravek-glakuv-glashayek) -- molecular imaging scanner
GKF (galu-kaunshau-folayek) -- fusion reactor
GKHT (guhsh-khartau-torektra) -- waste management system
GS-PT (gasu-spayek t'pid-tepul) -- high energy flux conductor

H-L (ha'gal-lushun) -- photon torpedo (photorp)

IGZ (ifis-glashau-zehlek) -- transport scanning beam

K-HRB (kefik has-reh-bikuvsu) -- emergency medical hologram (EMH)
KFF (kahla-fish-ferek) -- inertial dampening generator
KFV (kvath-faik-vistra) -- backup data network
KHN (kef-ha'kiv-nenikaya) -- emergency life support
KK-STV (korsau-kebi t'samu-tor-vitaya) -- cryogenic storage unit
KKV (kel-ket'es-vunai) -- structural integrity field (SIF)
KTS (kvath-tash-svitan) -- auxiliary control (room)
KYP (kwitau-yumau-pakhartayek) -- impulse flow regulator
KZ-VV (ka-zehlik vokau-val) -- isolinear memory chip

L-FVF (leshanik fosh-vunai-ferek) -- portable force field generator
L-S (lerakh-sov) -- compressed air
L-ThF (leshanik thor'gal-ferek) -- portable thoron generator

MTY (mesakh-tchas-yeturek) -- transwarp drive

NDG-GNT (nel-dath-glashayek t'glan-nalatra-tin) -- retinal pattern scanner
NGP (numen-gasu-pakhartayek) -- quantum flux regulator
NP-TV (nen-patorayek t'tum-vel) -- main computer processor
NS-FV (nen-sakwitayek t'fosh-vunai) -- primary force field deflector
NSM (ne-seshan-math) -- artificial gravity plate (grav-plate)
NVG (narak-vel-glashaya) -- polaron scan
NVY (natilau-vimevilau-yeturek) -- differential induction drive
NWN (numen-wek-netehnovayek) -- quantum phase inhibitor

PK-SDH (prah-kashek t'SDH) -- DNA acquisition sensor
PKY (pid-kwitau-yeturek) -- hyperimpulse drive
PM-VS (plo-mokevik vukh-slaun) -- parametallic hull plating
PS-TTT (pid-spaik tepul-tanilau-terur) -- superconducting power supply trunk
PST (pada-seshan-tihetilayek) -- gyromagnetic stabilizer
PTG (pada-toranu-gol'dvunek) -- gyrodyne relay

R-SRK (ritalikalik sasatilau-raf-kuv) -- asymmetric decryption circuit
R-VRK (ritalikalik visatilau-raf-kuv) -- asymmetric encryption circuit
RKG (raf-kuv-gol'dvunek) -- circuit relay
RKSh (raf-kuv-shayek) -- circuit breaker
RSM (raf-snazh-mev) -- EPS conduit

S-N (sov-noshaya) -- air conditioning
SHT (si-hali-torai) -- extravehicular activity (EVA)
ShFT (shati-fisolekau-torektra) -- auto-landing system
ShKT (shati-kifau-torektra) -- auto-dock system
ShShI (shi-shi-ifisek) -- site-to-site transporter
ShVT (shai-vashau-torektra) -- self-destruct system
SK (sagan-kal) -- distribution node
SSHM (snazh-shan-mev) -- plasma transfer conduit
ST-VU (spusau-torektra t'vipladayek-ulidayek) -- recorder-marker launch system
SV-KV (svin-vis t'kashek-viskulan) -- sensor matrix input grid
SVF (sakwitayek-vunai-ferek) -- deflector field generator
SZ (sakwitayek-zehlaya) -- deflector array
SZS (seshau-zehl-sayek) -- tractor beam emitter

T-NS (tehn-ne-seshanek) -- anti-grav (unit)
TN-DP (terfitalau-nentu t'dah-pim-tukh) -- dilithium articulation frame
TN-DPKh (tuhlau-nelka t'dah-pim-khushlar) -- dilithium containment pedestal
TN-WRT (tepul-nala t'wel-raf-tepul) -- neuro-electric power cell
TS (tash-svitan) -- bridge, command center
TSM (tchas-snazh-mev) -- warp plasma conduit
TST (tvi-sviribau-torektra) -- intercom system
TT-TT (tuhlau-torektra t'tukh-tehn-tukh) -- matter/antimatter containment system
TTK (tusla-tsorau-keltra) -- cargo storage complex
TV (tum-vel) -- computer
TVT (tih-viskulan-tertitayek) -- beta matrix compositor

UKG (u'gal-kusilau-glashayek) -- electron resonance scanner

V-DMT (vipohshayek t'dah-masu-tukh) -- deuterium injector
V-KTT (vlaik kwitau-tash-torektra) -- lateral impulse control system
VF-WRT (vunai-ferek t'wel-raf-tepul) -- neuro-electric field generator
VST (vihish-sahish-torektra) -- pressurization/depressurization system
VT-TT (viskulan-tertitayek t'tchas-tviyan) -- warp core matrix compositor
VV-KM (vimevilau-viskulan t'kwitau-mishu) -- impulse engine induction matrix
VY-DDS (vimevilau-yeturek t'dah-da-sfek) -- coaxial induction drive

WPA (wek-pakuv-abomesayek) -- phase coil inverter
WVF (wak-vunai-ferek) -- temporal field generator
WZK (wek-zehlek-kutra) -- phaser bank

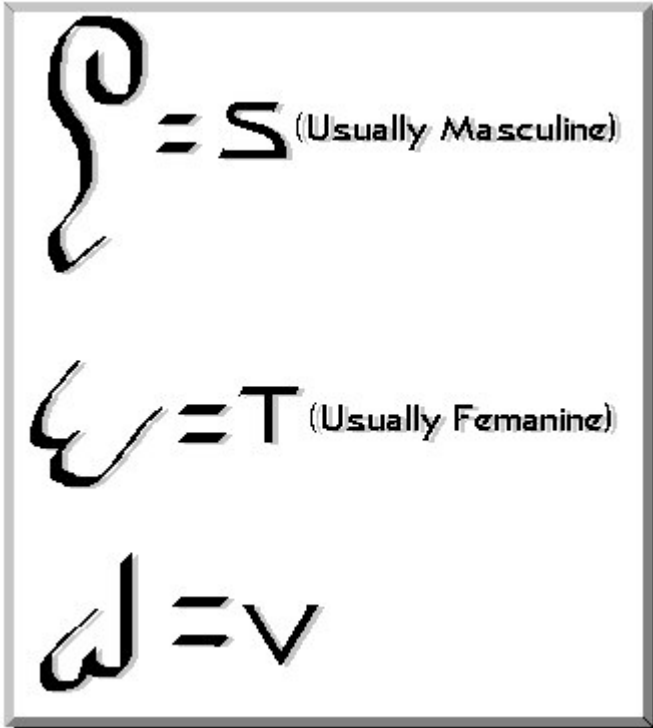
YFK (yem-fereik-kebi) -- food synthesis unit
YNT (yon-nelau-torektra) -- fire suppression system
YPF (yetur-pakuv-feretai) -- driver coil assembly

Proposed Method For Writing Vulcan Names

This is the only section of this book not taken from the Vulcan Language Institute website. This section is from the Center for Vulcanism site which can be found at idic.tripod.com

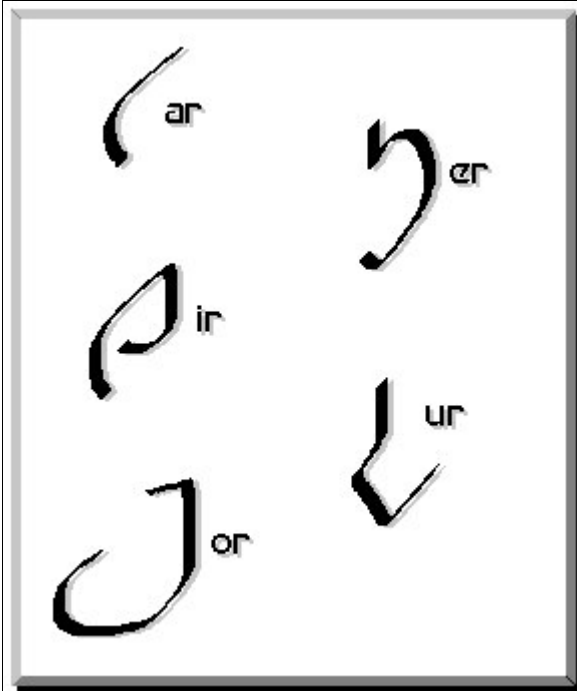
Proposed Method For Writing Vulcan Names

These are the name starters:



You will probably recognize "S" as one of the symbols seen on many of Sarek's robes.

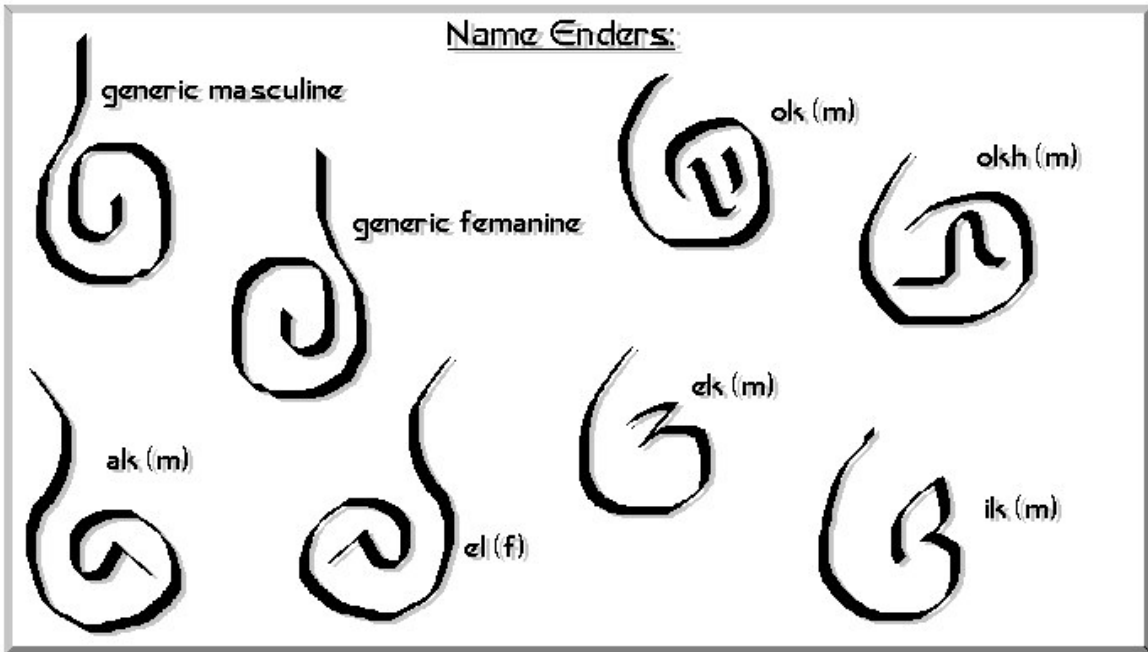
Additional characters follow on the next page.



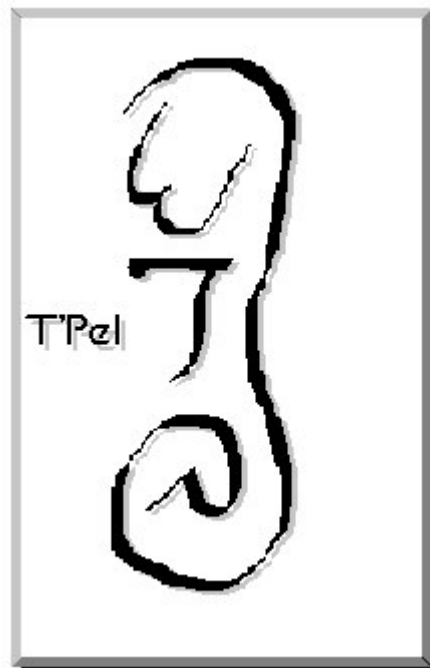
Vulcan character:	English sound:
ar	as in "car"
ir	as in "ear"
or	as in "corn"

Some additional characters:

These are the enders for names:



Some examples:



Or, to write a name in a horizontal format:



The Modern Vulcan characters for {P} in "T'Pel", and {uu} and {v} in "Tuvok" were created by Rob Zook. Used by permission.

Internet resources

Please visit the **Vulcan Language Institute®** website for more information about the Vulcan language:

www.vulcanlanguage.com

Other websites you may find interesting:

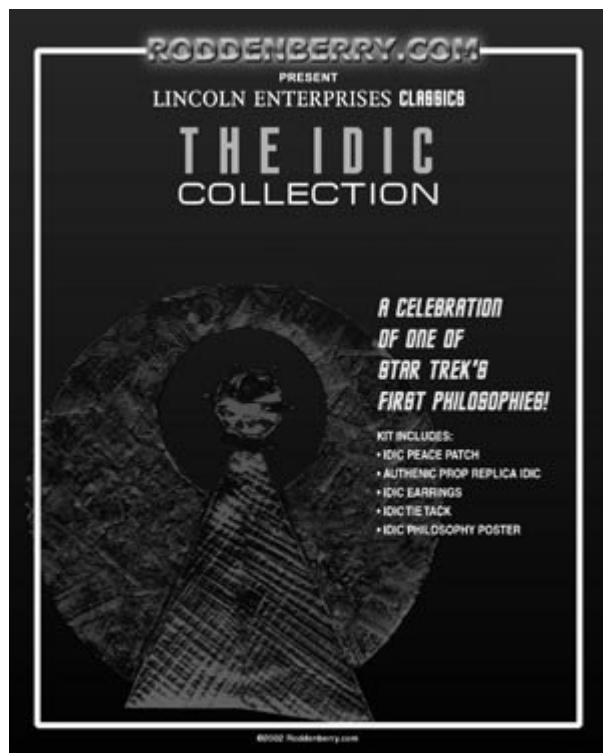
The **Vulcan Language Dictionary** at **www.starbase-10.de/vld/**

The **Center for Vulcanism** at **idic.tripod.com** includes an explanation of how to write Vulcan names.

The **Center for the Advancement of Vulcanism** at **members.fortunecity.com/stanek/**

The **Vulcan Resource Center** at **my.ohio.voyager.net/~surak/Vulcan/vulcan.html**

IDIC Jewellery is available by searching for IDIC at **store.roddeberr.com**



The **vulcan-I** mailing list, for discussion of all things Vulcan, is mirrored in the **alt.fan.surak** newsgroup.

Dif-tor heh smusma.