## COMMON ROOT WORDS AND WORD ORIGINS

| ROOTS | MEANING | WORD |
| :---: | :---: | :---: |
| alter | other | alternate, alter ego |
| ami, amic- | love | amiable, amicable |
| amphi | both ends or all sides | amphibian |
| ann, enni | year | anniversary, annual, biennial, perennial |
| anthrop | human, man | anthropology, anthropomorphic, misanthrope |
| aqua, aque | water | aquatic, aquarium, aqueduct |
| arch | chief, leader, ruler | archangel, monarch, archaic, archenemy |
| arthro | joint | arthritis |
| aud | sound | auditorium, audible, audiologist, audiotape |
| bell | war | belligerent, bellicose |
| biblio | book | bibliography, bibliophile |
| bio- | life | biography, autobiography, biology, antibiotic |
| brev | short | brief, abbreviate |
| cap | take, seize | capture, captivate, capacity |
| carn | meat | carnivorous, chili con carne |
| ced | yield, go | recede, secede, proceed, intercede, concession |
| chrom- | color | chromatic, monochrome, polychrome |
| chron- | time | chronicle, chronology, chronometer, synchronize |
| cogn | know | recognize, cognitive, incognito |
| cord/chord | cord | harpsichord |
| corp | body | corpus, corpse, corporal |
| crac, crat | rule, ruler | autocrat, democracy, bureaucrat, democracy |
| cred | believe | credible, credulous, credibility, credit, credo |
| cruc | cross | crucifix, crucial |
| crusta | shell | crustacean |
| crypt | hidden | cryptogram, cryptology, cryptic |
| culp | guilt | culpable, culprit |
| dei | god | deity, deify |
| demo- | people | demography, democracy, epidemic |
| dent | tooth | dentist, dentifrice, dentin |
| derm- | skin | dermatology, epidermis, hypodermic |
| dic | speak, say | dictate, predict, diction, indict |
| dox | belief, opinion | orthodoxy, paradox, heterodoxy |
| duc, duct | lead | induce, deduce, seduction, conduct, abduct |
| duo | two | duo |
| dynam- | power | dynamo, hydrodynamics |
| ego | self | egotist, egomania |
| equ | equal | equal, equity, equanimity, equate, equidistant |
| fac | make, do | manufacture, factory, benefactor |
| fil | threadlike | filament |
| frater | brother | fraternal, fraternize |


| gam- | marriage | monogamy, polygamy, bigamy |
| :---: | :---: | :---: |
| geo- | earth | geopolitical, geology, geography, geothermal |
| glyph | vertical groove | Hieroglyphics-Egyptian "sky writing" |
| grad, gress | step | gradual, progression, transgression |
| graph- | writing, printing | graphology, biography, telegraph, geography |
| gym | naked | gymnasium |
| gyn- | woman | gynecologist, androgynous |
| hemo, hema, hem | blood | hemophilia, hematology, hemoglobin |
| holo | whole, entire | holograph |
| hydro, hydr | water | dehydrate, hydraulics, hydroelectric, hydroplane |
| iso | equal, identical | isolate |
| ject | throw | inject, reject, subject, projection |
| jud | judge | judicial, judge, adjudicate |
| leg, lect | read, choose | legible, lectern, lecturer, election |
| liter | letter | literature, illiterate, literal |
| loc | place | local, location |
| log | word | monologue, epilogue |
| luc | light | lucid, elucidate |
| magn | large | magnify, magnate, magnificent |
| man | hand | manufacture, manual, manuscript |
| mar | sea | marine, mariner |
| mater | mother | maternal, maternity, matriarchy, matricide |
| mere | part, segment | mere |
| meta, met | behind, between | metacognition-behind the thinking |
| metri, meter- | measure | geometric, thermometer, odometer |
| min | small | minority, minuscule, minute |
| mit, miss | send | permit, submission, mission, emit, |
| mob, mot, mov | move | mobile, automobile, motion, promote, movie |
| mon | warn | premonition, admonition |
| mor, mort | death | mortal, mortician, immortality |
| morph | form, structure | metamorphosis, amorphous, morphology |
| mut | change | mutant, mutability, mutate |
| neuro | nerve | neurology, neurosis, neurobiology |
| nomen /nomin | name | nominal, nominate, nomenclature |
| nov | new | novel, renovate, innovation, novella |
| nym, onym | word, name | synonym, acronym, anonymous, pseudonym |
| odonto | tooth | orthodontist-one who straightens teeth |
| ortho- | straight, correct | orthodox, orthodontist, orthopedic |
| pac | peace | pacify, Pacific Ocean, pacifist |
| pater | father | paternal, paternity, patricide, patrilineal, patriotic |
| path | feeling, suffering | sympathy, apathy, empathy, telepathy, pathology |
| ped, pod | foot | pedal, pedometer, centipede, gastropod |
| pel, puls | push | pulsate, repulsive, impulse, compel, propel |
| pend | hang, weigh | pendulum, pendant, suspend, pending |
| phon-, phono- | sound, voice | telephone, euphony, cacophony, phonograph |


| plan | flat | planar, plantation, plane |
| :---: | :---: | :---: |
| pneum | lung | pneumatic |
| pod | feet | podiatrist |
| port | carry | portable, transport, portage, report, |
| pot | power | potent, omnipotent, potentate |
| psych- | soul, spirit, mind | psychology, psychic, psychobiography |
| pugna | fight | pugnacious, pugilist |
| quer, quis | ask | query, inquisition, |
| scent, scend | climb | ascend, ascent |
| schizo, schiz | division, split | schizophrenic |
| sci | know | scientific |
| sciss | cut | scissors |
| scrib, script | write | manuscript, scribe, proscribe, scripture |
| sec, sect | cut | dissect, section |
| sed, sess | sit | sedentary, session |
| sens, sent | feel, be aware | sensible, sentient |
| sequ, secu | follow | sequence, sequel, consecutive |
| serv | serve, protect | service |
| simil | same | similar, assimilate, simile, facsimile (fax) |
| siphon | tube | siphon |
| sol | sun | solar |
| son | sound | sonar, resonate, unison |
| soph | wisdom, knowledge | philosophy, sophisticated, sophomore (wise fool) |
| spec, spic | look, see | spectacles, spectator, inauspicious, prospect |
| spir | coil | spiral |
| spir | breathe | inspire, respiration, conspire, perspiration |
| spond, spons | promise, answer for | respond, responsible |
| spont | by one's own force | spontaneous |
| stat | stay, position | station |
| tang, tact | touch | tactile, tangible |
| temp | time | temporary, temporize |
| ten, tent | hold | tentative, tenable, tenuous |
| terr | earth | subterranean, terrain, terrestrial, disinter |
| theo | god, deity | theology, polytheism, atheist, monotheism |
| therm- | heat | thermal, thermos, thermometer |
| trophy | nutrition, food | atrophy-without nutrition |
| uro | urine | urologist |
| vac | empty | vacation, vacuum, vacuous, vacant |
| ven, vent | come, go | intervene, convene, contravene |
| ver | truth | veracity, verify, verity |
| vert | turn | introvert, irreversible, vertigo |
| vit | life | vital, revitalize, vitamin |
| voc | call | revoke, invocation, vocal, evocative, convocation |
| zoo | animal | zoo, zoology, zoolatry |

## PREFIXES

| PREFIX | MEANING | EXAMPLES |
| :--- | :--- | :--- |
| a-, an- | not, without | amoral, anesthetic, apolitical, asocial |
| ab- | away from | abduction, abstain, abnormal |
| ad- | to, toward | adjoin, adjacent (lying near to) |
| ambi- | both | ambidextrous, ambivalent |
| ana- | up, back, again | analogy, anatomy, anagram |
| anti- | against | antipathy, antiwar, antisocial |
| apo- | from, away from | apology, apologize |
| auto- | self | autobiography, automobile, autocracy, automaton |
| bene- | good | benediction benevolent benefactor |
| cata-, cat- | down, against | catastrophe--a turning down |
| centro, centri- | around, center | concentric, centrifugal |
| circum- | around | circumlocution circumference, circumvent |
| com- | with, together | communal, community |
| con- | with, together | connect, confide conspire |
| contra- | against | contradict, contravene |
| de- | down, away | descend, deject (cast down) |
| dia-, di- | through, across | diameter, division |
| dis- | apart, not | disengage discord, discomfort |
| dys- | ill, difficult, bad | dysfunctional, dysentery |
| e- | out of, from | elect (choose out of), eject (throw out) |
| ecto- | on the outside | ectoderm--outer skin |
| en-, em- | in | empathy--feeling in |
| endo- | within, inside | endoscope--instrument for observing inside |
| epi- | upon | epitaph epidermis, epicenter |
| eso- | inward, within | esoteric--more inward, esophagus |
| eu- | well, good | euthanasia--good death |
| ex- | out of, from | exhume, exhale, exodus |
| hetero- | other, different | heterosexual, heterodoxy, heterodox heterogeneous |
| homo- | same | homosexual, homogeneous, homogenized |
| hyper- | over | hypertension, hypersensitive, hyperactivity |
| hypo- | under | hypotension, hypodermic |
| il- | not | illegitimate, illicit, illegal, illegible |
| im- | not | imperfect, impolite, impossible |
| im- | into | imbibe (drink in, take in) |
| in- | indiscreet, invisible |  |
| in- | not | into |
| inter- | between | incorporate (take into the body) |
| intra- | intervene (come between), interstate |  |
| ir- | not | intrastate, intramural |
| macro- | irregular, irrational, irredeemable |  |
| mal, male- | bad, evil | macrocosm, macroeconomics |
| meta- | beyond | malediction malevolent, malnutrition |
|  | metaphysical |  |


| micro- | small | microscope, microcosm, microeconomics |
| :--- | :--- | :--- |
| mono- | one, single | monologue, monotheism, monarchy, monogamy |
| neo- | new, recent | neologism, neo-liberal, neonatology, neolithic |
| ob- | against | object, obstruct (build against) |
| palin-, pali- | back, again | palindrome |
| pan- | all, every | pantheism, Pan-Hellenic, panorama, pandemic |
| para- | false | paramilitary, paralegal, parachute |
| per- | through | percolate (flow through) perforate (punch through) |
| peri- | around | perimeter, periscope |
| phil-, philo- | like, lover of | philosophy, Francophile, bibliophile, philanthropy |
| poly- | many, several | polygon, polygamy, polytechnic, polytheism |
| post- | after | postgraduate, posthumous postpone |
| pre- | before | precede, predict (tell before) |
| pro- | for, forward | promote, project |
| pros- | toward, in front | prospect-view in front, something coming up |
| proto- | first | prototype, protoplasm, protobiology |
| pseudo | false | pseudonym, pseudoscience |
| re- | again, back | repeat, recede, regress (step back) |
| retro- | back | retrogression, retroactive |
| se- | away from | seduce (lead away), secede |
| sub- | under | submarine, subject, subhuman subterranean |
| sur-, super- | over, above | superhuman, superego, superintend, surpass |
| syn-, sym-, syl-, <br> sys- | with, together | symphony, synonym, system, syllable |
| tele- | distant, far off | telephone, telepathy, television, telegram |
| trans- | across | transient, Transatlantic, transport (carry across) |

## SUFFIXES

| SUFFIX | DEFINITION | EXAMPLE |
| :--- | :--- | :--- |
| -agog, - <br> agogue | leader | demagogue, pedagogue |
| -cide | kill(ing) | patricide, infanticide, herbicide. suicide |
| -ectomy | cutting | appendectomy, splenectomy |
| -ia, -- | act, state | amnesia, mania, democracy, anarchy |
| -ic, -tic, -ical, - <br> ac | having to do with | anthropomorphic, dramatic, biblical, <br> cardiac |
| -ics | things having to do with | optics, physics |
| -isk, -iscus | small | asterisk--a little star |
| -ism | the belief in | pacifism, terrorism, socialism, <br> communism |
| -ist | one who believes in | pacifist, terrorist, socialist, communist |
| -ite | one connected with | meteorite, polite, cosmopolite |
| -logy | study field of | biology, geology, etymology, cardiology |
| -oid | resembling, like-shaped | asteroid, spheroid |


| -or, -er | one who takes part in | doctor, actor, teacher, driver |
| :--- | :--- | :--- |
| -phobia | exaggerated fear | photophobia, claustrophobia, <br> agoraphobia |
| -sis | act, state, condition of | analysis |

