You will be quizzed over 10 prefix/suffix/root words **every Friday**. The quiz will be matching for Biology and Integrated I students and fill-in for Physical Science students. Each quiz will be worth 10 points. If you are absent on the day of the quiz, plan to take it with the following week’s quiz (so you will take 2 quizzes on the same day). In the event of a calamity day, the quiz will be given the day we return to school.

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|  |  | **Prefix/Suffix or Root Word** | **Meaning** | **Examples** |
| **PSR #1**  **(Aug 30th)** | 1 | a-, an- | not, without | abiotic, anaerobic |
| 2 | ab- | away from | abduct |
| 3 | -aceous | of, or pertaining to | sebaceous |
| 4 | acou- | hear | acoustic |
| 5 | acr-; acro- | extreme; peak | acrosome |
| 6 | ad- | to, toward | Adduct, adhere |
| 7 | adeno- | gland | adenoid |
| 8 | adip- | fat | adipose |
| 9 | aero- | needing oxygen or air | aerobic |
| 10 | agri- | field, soil | agriculture |
| **PSR #2**  **(Sept 6th)** | 11 | ameb- | change | ameba |
| 12 | amphibi- | leading a double life | amphibian |
| 13 | amphi-; amb- | both | amphipathic |
| 14 | ana- | up; back; again | anatomy, anabolic |
| 15 | andro- | man | androgenous |
| 16 | anti-; ant- | opposite, against | antidiuretic hormone |
| 17 | aqu- | water | aqueous |
| 18 | arthro- | joint | arthropod |
| 19 | aster-; astr- | star | siderastrea, astronomy |
| 20 | -ate | used if forming verbs from nouns | permeate |
| **PSR #3**  **(Sept 13th)** | 21 | -ation | used in forming nouns from verbs | speciation |
| 22 | atom- | vapor | atomizer |
| 23 | audi- | hear | auditory |
| 24 | auto- | self | autotroph |
| 25 | baro- | weight | barometer |
| 26 | bath- | depth; height | bathyscaphe |
| 27 | bene- | well; good | benefactor |
| 28 | bi- | two | bilateral |
| 29 | bio- | life | biology |
| 30 | -blast | sprout; germ | blastula |
| **PSR #4**  **(Sept 20th)** | 31 | brachi- | having arms | brachial |
| 32 | brev- | short | brevity |
| 33 | bronch- | windpipe | bronchitis |
| 34 | calor- | heat | calorimeter, calorie |
| 35 | carb- | coal; carbon | carbohydrate |
| 36 | cardi- | heart | tachycardia, cardiograph |
| 37 | carn- | meat | carnivore |
| 38 | carp- | fruit | carpology |
| 39 | carpal | wrist | metacarpal |
| 40 | cata- | down, against | catabolism |
| **PSR #5**  **(Sept 27th)** | 41 | caud- | tail | caudal |
| 42 | cell- | storeroom; chamber | cellulose |
| 43 | -cene | new; recent | Pliocene (geographic time) |
| 44 | centi- | hundredth | centimeter |
| 45 | centri-; centro- | around, center | centripetal |
| 46 | cephal- | head | hydrocephaly |
| 47 | cervic- | neck | cervical spine |
| 48 | chem- | referring to chemistry | chemical |
| 49 | chlor- | green | chlorophyll |
| 50 | chrom-; -chrome | color | chromatic |
| **PSR #6**  **(Oct 4th)** | 51 | -cide | killing | pesticide |
| 52 | circum- | around | circumference |
| 53 | co- | with; together | coevolution |
| 54 | coel- | hollow | coelomate |
| 55 | coll- | glue | colloid |
| 56 | con- | with; together | concomitant, concurrent |
| 57 | coni- | cone | conifer |
| 58 | contra- | against | contralateral, contradict |
| 59 | corp- | body | corpse |
| 60 | cosmo- | world | cosmology |
| **PSR #7**  **(Oct 11th)** | 61 | cotyl | cup | cotyledon |
| 62 | counter- | against | counter current |
| 63 | crypt- | hidden; covered | encrypt |
| 64 | -cule; -culus | added to nouns to form diminutive | molecule |
| 65 | cuti- | skin | cutisector |
| 66 | cyan- | dark blue | cyanosis |
| 67 | -cycle; cyci- | ring; circle | cell cycle |
| 68 | cyst- | bladder; pouch | cystic |
| 69 | cyt-; -cyte | cell; receptacle | hepatocyte |
| 70 | dacty- | finger | polydactyly |
| **PSR #8**  **(Oct 17th)**  **Thursday** | 71 | deca- | ten | decameter |
| 72 | deci | tenth | decimate, decimeter |
| 73 | demi- | half | demigod |
| 74 | dendr- | tree | dendrite |
| 75 | dent- | tooth | dentrate, dental |
| 76 | derm- | skin | dermatologist |
| 77 | di- | two; double | dissect |
| 78 | dia- | through; across | dipedesis |
| 79 | digit | finger; toe | digital (fingers/toes) |
| 80 | din- | terrible | dinoflagellate |
| **PSR #9**  **(Oct 25th)** | 81 | dis- | apart; out | disarm |
| 82 | dorm- | asleep | dormancy |
| 83 | dors- | back | dorsal |
| 84 | du-; duo- | two | duodenum |
| 85 | -duct | lead | oviduct |
| 86 | dynam- | power | dynamics |
| 87 | dys | ill, difficult | dystocia |
| 88 | echin- | spiny; prickly | echinoderm |
| 89 | eco- | house | ecology |
| 90 | ecto | on the outside | ectoderm |
| **PSR #10**  **(Nov 1st)** | 91 | electro- | electric; electricity | electromagnetic |
| 92 | encephal- | brain | encephalitis |
| 93 | end-; ent- | within; in | endoderm |
| 94 | enter- | intestines | gastroenterology |
| 95 | -eous | nature of; like | igneous |
| 96 | epi- | on; above | epimysium |
| 97 | erythro- | red | erythrocyte |
| 98 | ethno- | race- people | ethnic |
| 99 | eu- | well; good | eubacteria |
| 100 | extra- | beyond; outside of | extraterrestrial |
| **PSR #11**  **(Nov 8th)** | 101 | ex- | out of | exocytosis |
| 102 | -fer | bear; carry; produce | aquifer |
| 103 | ferro- | iron | ferruginous |
| 104 | fibr- | fiber; thread | fibrosis |
| 105 | -fid; fis- | divided into; split | fissirostral |
| 106 | -flect; -flex | bend | genuflect |
| 107 | flor- | flower | floriculture |
| 108 | foli- | leaf | foliose |
| 109 | fract- | break | fracturable |
| 110 | galact-; galax- | milk; milky fluid | galactose |
| **PSR #12**  **(Nov 15th)** | 111 | gastro- | stomach | gastoenterology |
| 112 | geo- | land; earth | geology |
| 113 | -gen; -gine | producer; former | pathogen |
| 114 | -gene; gene- | origin | genetics |
| 115 | -gest | carry; produce | ingest |
| 116 | glob- | round; ball | globule |
| 117 | glottis | mouth of windpipe | epiglottis |
| 118 | -gon | angle; corner | polygon |
| 119 | -grade | step; division | retrograde |
| 120 | -gram | writing; record | mammogram |
| **PSR #13**  **(Nov 22nd)** | 121 | -graphy; -graph | writing; record | topography |
| 122 | grav- | heavy | gravid, gravity |
| 123 | gymno | naked | gymnosperm |
| 124 | gyn- | female | gynecomastia |
| 125 | gyr- | ring; spiral; circle | gyrate |
| 126 | haem; hem- | blood | hemostasis, hemoglobin |
| 127 | hepat- | liver | hepatitis |
| 128 | herb- | grass | herbaceous |
| 129 | hetero- | different; other | heterotroph, heterogeneous |
| 130 | hex- | six | hexagon |
| **PSR #14**  **(Dec6th)** | 131 | hibern- | winter | hibernate |
| 132 | hist- | tissue | histology |
| 133 | holo- | entire; whole | hologram |
| 134 | homo | man; same; alike | homologous |
| 135 | hort- | garden | horticulture |
| 136 | hydr- | water | hydrocele, hydrosphere |
| 137 | hygr- | wet; moist | hygrometer |
| 138 | hypo- | beneath; under; less | hypoxia, hypoallergenic |
| 139 | hyper- | above; beyond; over | hypervenalate |
| 140 | hypno- | asleep | hypnotize |
| **PSR #15**  **(Dec 13th)** | 141 | -ic | added to nouns to form adjectives | toxic |
| 142 | ichthy- | fish | icthylology |
| 143 | ign- | fire | igneous, ignite |
| 144 | im- | not | imperfect |
| 145 | -ine | of or pertaining to | genuine |
| 146 | infro- | below | infrared |
| 147 | inter | between | interspecific |
| 148 | intra | within | intraspecific |
| 149 | -ion | go; come | anion |
| 150 | -ism | a state or condition | mutualism |
| **PSR #16**  **(Jan 10th)** | 151 | iso- | equal | isotonic |
| 152 | -itis | inflammation; disease | gastritis |
| 153 | kilo- | thousand | kilometer |
| 154 | lachry- | tear | lacrimal |
| 155 | lact- | milk | lactate |
| 156 | lat- | side; flank | latissmus, lateral |
| 157 | -less | without | careless |
| 158 | leuc- | white; bright; light | leucocytes |
| 159 | lign- | wood | lignin |
| 160 | lin- | line | linear |
| **PSR #17**  **(Jan 17th)** | 161 | lingu- | tongue | lingual |
| 162 | liqu- | become liquid | liquify |
| 163 | lip- | fat | lipid |
| 164 | lith-; -lite | stone; petrifying | lithosphere |
| 165 | loc- | place | locus |
| 166 | -logy | study | biology |
| 167 | -lysis | dissolve; decompose | plasmolysis, electrolysis |
| 168 | macr- | large | macrophage |
| 169 | mal- | bad; evil | malevolent |
| 170 | malle- | hammer | malleus |
| **PSR #18**  **(Jan 24th)** | 171 | mamm- | breast | mammary |
| 172 | marg- | border | marginal |
| 173 | mast- | breast | mastitis |
| 174 | med- | middle | Mediastinum, median |
| 175 | meg- | great; million | megalovirus |
| 176 | mela- | black; dark | melanocyte |
| 177 | mes- | middle; half; intermediate | mesophyll |
| 178 | met- | between; along; after | metastatic |
| 179 | meteor- | lofty; high, in air | meteorite |
| 180 | -meter; -metry | way of measuring, instrument for measuring | geometry, centimeter |
| **PSR #19**  **(Jan 31st)** | 181 | metro- | uterus | endometrium, metritis |
| 182 | micro- | small | microscope |
| 183 | milli- | thousandth | millimeter |
| 184 | mis- | wrong; incorrect | misdiagnose |
| 185 | mito- | thread; filament | mitochondria |
| 186 | mole- | mass | molecule |
| 187 | mono- | single; one | monochromatic |
| 188 | mont- | mountain | mound |
| 189 | mort- | death | immortal |
| 190 | mov-; -mot | move | locomotion |
| **PSR #20**  **(Feb 7th)** | 191 | morph- | shape; form | metamorphosis |
| 192 | multi- | many | multifaceted, multiple |
| 193 | mycel- | threadlike | mycelium |
| 194 | mycet- | fungus | mycetozoa |
| 195 | myria- | many | myriapod |
| 196 | nas- | nose | nasopharynx, nasal |
| 197 | nemat | thread | nematocyst |
| 198 | neo- | new; recent | neonatal |
| 199 | nephro- | kidney | nephrology |
| 200 | -ner- | moist; liquid |  |
| **PSR #21**  **(Feb 14th)** | 201 | neur-; nerv- | nerve; tendon | neuron |
| 202 | noct-; -nox | night | nocturnal |
| 203 | -node | knot | antinode |
| 204 | -nomy; -nome | distribute; arrange; law | taxonomy |
| 205 | non- | not | nondisjunction |
| 206 | not- | back | notochord |
| 207 | nuc- | center | nucleus |
| 208 | ob- | against | obtuse, object (verb) |
| 209 | ocul- | eye | ocular |
| 210 | oct- | eight | octagon |
| **PSR #22**  **(Feb 21st)** | 211 | odont- | tooth | odontoid |
| 212 | -oid | like in form or shape | colloid |
| 213 | olf- | smell | olfactory |
| 214 | omni- | all | omniscient, omnivore |
| 215 | oo- | egg | oocyte, ovum |
| 216 | opthal- | eye | ophthalmology |
| 217 | opt-; opsy | eye; vision | optic |
| 218 | orb- | circle; round; ring | orbit |
| 219 | orth- | straight; correct; right | orthodontist |
| 220 | oscu- | mouth | osculate |
| **PSR #23**  **(Feb 28th)** | 221 | oste- | bone | osteoporosis |
| 222 | -ous | full of; abounding in | spacious |
| 223 | ov- | egg | ovulate |
| 224 | oxy- | sharp; acid; oxygen | oxyhemoglobin |
| 225 | pachy- | thick | pachyderm |
| 226 | paleo | old; ancient | paleontology |
| 227 | palm- | broad; flat | palmate |
| 228 | pan- | all | pandemic |
| 229 | par- | beside; near; equal; bring forth | parthenogenesis |
| 230 | path-; -pathy | disease; suffering | pathology |
| **PSR #24**  **Thursday**  **(March 5th)** | 231 | -ped | foot | bipedal |
| 232 | pent- | five | pentagon |
| 233 | per- | through | permutate, permeate |
| 234 | permea- | pass; go | semipermeable |
| 235 | phag- | eat | phagocyte |
| 236 | pheno- | show | phenotype |
| 237 | phil- | loving; fond of | hydrophilic |
| 238 | phon-; -phone | sound | xylophone; telophone |
| 239 | -phore | bearer of | chromatophore |
| 240 | photo- | light | photosynthesis |
| **PSR #25**  **(Mar 13th)** | 241 | phyc- | seaweed | phycobilns |
| 242 | -phyll | leaf | chlorophyll |
| 243 | physi- | nature; natural qualities | physiology |
| 244 | -phte; phyt- | plant | epiphyte |
| 245 | plan- | roaming; wandering | planaria |
| 246 | plasm-; -plast | form; formed into | chloroplast |
| 247 | pleur- | rib; lung | pleurisy |
| 248 | pneumo- | lungs; air | pneumonia |
| 249 | -pod | foot | arthropod |
| 250 | poly- | many | polydactyly |
| **PSR #26**  **(Mar 20th)** | 251 | por- | opening | porous |
| 252 | port- | carry | transport |
| 253 | post- | after; behind | postmortem |
| 254 | pom- | fruit | pomelo |
| 255 | pre- | before; ahead of time | prehistoric |
| 256 | pro- | forward | prophase, propel |
| 257 | procto- | rectum; anus | proctologist |
| 258 | proto- | first; primary | prototype |
| 259 | pseud- | false; deceptive | pseudopod |
| 260 | pter- | having wings or fins | pterodactyl |
| **PSR #27**  **(March 27th)** | 261 | pulmo- | lung | pulmonary |
| 262 | puls- | drive; push | pulsate, pulse |
| 263 | pyr- | heat; fire | pyrogen |
| 264 | quadr- | four | quadrilateral; quadriped |
| 265 | quin | five | quintuplets |
| 267 | radi- | ray; spoke of wheel, energy is rays | radiate, radius |
| 268 | re- | again; back | reflect, regenerate |
| 269 | rect- | correct; right | rectify |
| 270 | ren- | kidney | renal |
| **PSR #28**  **(April 3rd)** | 271 | ret- | made like a net | reticlulum |
| 272 | rhin- | nose | rhinoplasty |
| 273 | rhiz | root | rhizoid |
| 274 | rubr- | red | rubricate |
| 275 | saccharo- | sugar | disaccharide |
| 276 | sapr- | rotten | saprophyte |
| 277 | saur- | lizard | sauropod |
| 278 | scler- | hard | sclerosis |
| 279 | sci- | know | science |
| 280 | scope | look; observe | oscilloscope |
| **PSR #29**  **THURSDAY**  **(Apr 9th)** | 281 | -scribe; script | write | transcribe |
| 282 | semi- | half; partly | semipermeable |
| 283 | sept- | partition; seven | septum |
| 284 | septic | infection | antiseptic |
| 285 | sex- | six | sextuplets |
| 286 | -sis | condition; state | paralysis |
| 287 | solv- | loosen; free | solvent |
| 288 | somn- | sleep | insomnia |
| 289 | son- | sound | sonogram |
| 290 | spec-; spic | look at | speculate, spectator |
| **PSR #30**  **(Apr 24th)** | 291 | sperm- | seed | spermatid |
| 292 | spher- | ball | sphere |
| 293 | -spire | breathe | transpire |
| 294 | spore | seed | sporophyte |
| 295 | stat- | standing | statocyst, static |
| 296 | stell- | stars | interstellar |
| 297 | stern- | breast; chest | sternum |
| 298 | stom-; -stome | mouth | protostome |
| 299 | strat- | layer | stratosphere |
| 300 | stereo- | solid; three dimensions | stereoscope |
| **PSR #31**  **(May 1st)** | 301 | strict- | drawn tight | constrict |
| 302 | sub- | below; under | subdermal |
| 303 | super- | over; above | superscript; supersaturated |
| 304 | sur- | over; above | surcharge, surf |
| 305 | sym-; syn | together | symbiosis, synchronize |
| 306 | tachy- | quick; swift | tachycardia |
| 307 | tarso- | ankle | tarsometatarsus |
| 308 | tax- | arrangement | taxidermy |
| 309 | tele- | far off; at a distance | telescope, telephone |
| 310 | terr- | earth | subterranean |
| **PSR #32**  **(May 8th)** | 311 | tetr- | four | tetrad |
| 312 | thall | young shoot | thallophyte |
| 313 | therm- | heat | thermodynamics, thermometer |
| 314 | -tom | cut; slice | microtome |
| 315 | toxico- | poison | toxicology |
| 316 | top- | place | topographical |
| 317 | trans- | across | transport, transmit |
| 318 | tri- | three | triangle |
| 319 | trich | hair | trichome |
| 320 | troph- | one who feeds; well fed | heterotroph |
| **PSR #33**  **(May 15th)** | 321 | trop- | turning; changing | tropism |
| 322 | -ule | diminutive | pustule |
| 323 | ultra- | beyond | ultrasound |
| 324 | ur- | urine | urinalysis |
| 325 | vas- | vessel | vasodilate |
| 326 | vect- | carry | vector |
| 327 | ven-; vent- | come | venous |
| 328 | ventr- | belly | ventricle |
| 329 | vice- | in place of | viceroy |
| 330 | vig- | strong | vigorous |
| **PSR #34**  **(May 22nd)** | 331 | vit-; viv- | life | vivisection |
| 332 | volv- | roll; wander | volvox, revolve |
| 333 | vor- | devour; eat | voracious |
| 334 | xanthan- | yellow | xanthophyll |
| 335 | zo-; -zoa- | animal | protozoa |
| 336 | zyg- | yolk | zygote |
| 337 | zym- | yeast | zymology |