# Latin Prefixes and Suffixes for Science

These are prefixes and suffixes that are commonly found in science-related vocabulary words. Each week you will take a vocabulary quiz. We will start with list #1 and continue until we finish. For the quiz, you will be expected to write down the definition of the prefix/suffix, give an example of a word that uses it, and define the word. Check the website/calendar for quiz dates.

<table>
<thead>
<tr>
<th>List #1</th>
<th>List #2</th>
<th>List #3</th>
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<tbody>
<tr>
<td>a-/an-</td>
<td>bio-</td>
<td>diplo-</td>
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<tr>
<td>ad-</td>
<td>carn-</td>
<td>dis-</td>
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<td>amph-</td>
<td>cephal-</td>
<td>endo-</td>
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<tr>
<td>ana-</td>
<td>chlor-</td>
<td>ecto-</td>
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<tr>
<td>anthropo-</td>
<td>chrom-,-chrome</td>
<td>epi-</td>
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<tr>
<td>anti-</td>
<td>cyto-,-eye</td>
<td>erythro-</td>
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<tr>
<td>arche-</td>
<td>de-</td>
<td>eu-</td>
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<tr>
<td>arthr-</td>
<td>dia- (Greek)</td>
<td>ex-</td>
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<tr>
<td>auto-</td>
<td>kel-</td>
<td>exo-</td>
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<tr>
<td>bi-</td>
<td>kerat-</td>
<td>extra-</td>
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<tr>
<td>-ist</td>
<td>-ium</td>
<td>kilo-</td>
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<tr>
<td>with</td>
<td>part of body</td>
<td>move</td>
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<tr>
<td>-ium</td>
<td>part of body</td>
<td>tear</td>
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<td>milk</td>
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<td>List #4</td>
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<tr>
<td>gastro-</td>
<td>hypo-</td>
<td>mamm-</td>
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<tr>
<td>gen-</td>
<td>hetero-</td>
<td>marg-</td>
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<tr>
<td>geo-</td>
<td>homo-, homeo-</td>
<td>oo-, ovul-, ova-</td>
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<tr>
<td>gyn-, -gynous</td>
<td>ichthy-</td>
<td>osteo-</td>
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<tr>
<td>haplo-</td>
<td>inter-</td>
<td>path-, -pathy</td>
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<tr>
<td>heme-, -hemo</td>
<td>intra-</td>
<td>peri-</td>
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<tr>
<td>herp-</td>
<td>iso-</td>
<td>photo-</td>
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<tr>
<td>hyper-</td>
<td>leuc-, leuk-</td>
<td>phyto-, -phyte</td>
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<tr>
<td>hydro-</td>
<td>lyso-, -lysis</td>
<td>plasmo-, -plasm</td>
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<tr>
<td>leio-</td>
<td>lingu-</td>
<td>substance</td>
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<tr>
<td>-less</td>
<td>lip-</td>
<td>poly-</td>
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<tr>
<td>lign-</td>
<td>lith-, -lite, -stone</td>
<td>post-</td>
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<tr>
<td>lin-</td>
<td>macro-</td>
<td>pre-</td>
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<td>List #7</td>
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<td>loc-</td>
<td>mast-</td>
<td>necro-</td>
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<td>-log</td>
<td>med-</td>
<td>retro-</td>
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<tr>
<td>lumen-</td>
<td>meg-</td>
<td>sym-, syn-</td>
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<tr>
<td>meso-</td>
<td>mela-, melan-</td>
<td>supra-, super-</td>
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<tr>
<td>micro-</td>
<td>-mer</td>
<td>tel-, tele-</td>
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<td>milli-</td>
<td>pri-</td>
<td>tetra-</td>
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<tr>
<td>mono-</td>
<td>pro-, proto-</td>
<td>therm-</td>
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<td>morph-</td>
<td>pseudo-</td>
<td>trans-</td>
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<td>multi-</td>
<td>re-</td>
<td>tri-</td>
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<tr>
<td>myo-</td>
<td>rhiz-</td>
<td>troph-</td>
</tr>
<tr>
<td>malac-</td>
<td>somat-, soma-,</td>
<td>-tropic</td>
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<tr>
<td>malle-</td>
<td>-some</td>
<td>responding to</td>
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<td>neuro-</td>
<td>sperm-</td>
<td>uni-</td>
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<tr>
<td>ophthalm-</td>
<td>seed</td>
<td>-cid-, -cis-</td>
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<tr>
<td>omni-</td>
<td>stoma-, -stome</td>
<td>kill, cut, fall</td>
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<td></td>
<td>sub-</td>
<td>zoo-, zo-, -zoan</td>
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</tbody>
</table>
### List #10
- **caud** - tail  
- **-dern** - skin, layer  
- **-hydrate** - involving water  
- **-itis** - inflammation, infection  
- **-ology** - study  
- **-meter** - measurement  
- **-osis** - condition, disease  
- **platy** - flat  
- **-phase** - stage  
- **-phage** - eater  
- **-phyll** - leaf  
- **-pod** - foot  
- **rhino** - nose  

### List #11
- **-ase** - enzyme  
- **avi** - bird, flying  
- **chondri** - cartilage (ribs)  
- **coel** - cavity, space w/in body  
- **lat** - side  
- **chemo** - chemicals  
- **cheli** - claw, pincer  
- **glyco** - glucose  
- **myco** - fungus  
- **phyco** - algae  
- **-phile** - attracted to, likes  
- **-phobe** - fear of  

### List #12
- **muta** - change  
- **-ploid** - chromosome  
- **schizo** - split  
- **ultra** - extreme, beyond the usual range  
- **-parous** - birth, to produce  
- **zyg** - joined together  
- **partheno** - virgin  
- **karyo** - nucleus  
- **onco** - cancer  
- **nephro** - kidney  
- **entero** - intestines, gut  

### List #13
- **andro** - male  
- **-al** - having the character of  
- **-oid** - similar to  
- **boreal** - northern  
- **austral** - southern  
- **echin** - spiny, prickly  
- **meth** - with 1 carbon  
- **eth** - with 2 carbons  
- **prop** - with 3 carbons  
- **but** - with 4 carbons  

### List #14
- **ab** - away from  
- **ac** - to, toward  
- **-aceous** - of, pertaining to  
- **acou** - hear  
- **aden** - gland  
- **adip** - fat  
- **aero** - air  
- **agri** - field, soil  
- **alb** - white  

### List #15
- **aig** - pain  
- **alto** - high  
- **ambi** - both  
- **ameb** - change, alteration  
- **amni** - fetal membrane  
- **amyl** - starch  
- **anemo** - wind  
- **ang** - choke, feel pain  
- **angi** - blood, vessel, duct  
- **ante** - ahead of time, before  

### List #16
- **anter** - front  
- **antho** - flower  
- **-ap** - touch  
- **apo** - away from  
- **aqu** - water  
- **-ary** - denotes a place for something  
- **aster** - star  
- **anther** - fatty deposit  
- **-ation** - noun form “the act of”  
- **atmo** - vapor  
- **audi** - hear  
- **aur** - ear  

### List #17
- **bacter, bactr** - bacterium, stick, club  
- **barb** - beard  
- **baro** - weight  
- **bath** - depth, height  
- **bene** - well, good  
- **blast** - arm  
- **brachy** - arm  
- **brachy** - short  
- **brady** - slow  
- **branchy** - fin  
- **brev** - short  
- **bronch** - windpipe  

### List #18
- **cac** - bad  
- **calor** - heat  
- **capill** - hair  
- **capit** - head  
- **carcin** - cancer  
- **cardi** - heart  
- **carp** - fruit  
- **carpal** - wrist  
- **-cell** - small room, chamber  
- **cen** - now, recent  
- **cente** - perce  

### List #19
- **centi** - hundredth  
- **centr** - center  
- **cerat** - horn  
- **cerebr** - brain  
- **cervic** - neck  
- **chir** - hand  
- **chron** - time  
- **-chym** - juice  
- **circa** - around, about  
- **cirr** - hairlike  
- **co** - with, together  
- **cocc** - seed, berry  

### List #20
- **coll** - glue  
- **coni** - cone  
- **contra** - against  
- **corp** - body  
- **cort** - outer layer  
- **cosmo** - order, form  
- **cotyl** - cup  
- **counter** - against  
- **crani** - skull  
- **cresc** - begin to grow  
- **crypt** - hidden, covered  

### List #21
- **-cul, -cule** - diminutive, small  
- **cumul** - heaped  
- **cuti** - skin  
- **cyan** - blue  
- **-cycle** - ring, circle  
- **-cyst** - sac, pouch, bladder  
- **dactyl** - finger  
- **deca** - ten  
- **dec** - tenth  
- **deliquesce** - become fluid
### List #22
- demi- half
- dendr- tree
- dent- tooth
- dia- (Latin) day
- digit- finger, toe
- din- terrible
- dorm- sleep
- dors- back
- du-, duo- two
- -duct lead
dynamo- power
- dys- bad, abnormal, difficult

### List #23
- ec- out of, away from
- eco- house
- -elle small
- -emia blood
- -en made of
- encephal- brain
- entom- insects
- -eous nature of, like
- -err wander, go astray
- -escent becoming
- eso- inward, within, inner
eury- widen

### List #24
- -fer bear, carry, produce
- ferro- iron
- fibr- fiber, thread
- fiss-, -fid divided into, split
- -flect, -flex bend
- flor- flower
- flu-, fluct- flux, flow
- foli- leaf
- fract- break
gam- marriage

### List #25
- -gest carry, bear, produce
- -glen eyeball
- -glob ball, round
gloss- tongue
- glut- buttock
gnath- jaw
- -gon angle, corner
- -grad step
graph-, -gram writing, record
- grav- heavy
- -gross thick
gymno- naked, bare
gyr- ring, circle, spiral

### List #26
- -hal, -hale breathe, breath
- halo- salt
- hector- hundred
- -helmint worm
- hemi- half
- hepar-, hepat- liver
- hibern- inter
- hippoc- inter
- hist- tissue
holo- entire, whole
homo man, human

### List #27
- hort- garden
- hygr- moist, wet
- hyph- weaving, web
- hyphno- sleep
- hyster- womb, uterus
- -iae person afflicted with disease
- -iasis disease, abnormal condition
- -ign fire
- in-, il-, im-, ir- not, toward, into
- in- very, thoroughly
- -ine of, pertaining to
- infra- below, beneath
- -ism a state or condition

### List #28
- met-, meta- between, along, after
- mort- death
- nas- nose
- neo- new, recent
- noct-, nov- night
- -nom, -nomy law, ordered knowledge
- ocul-, opt- eye
- odont- teeth
- oligo- few, little
- ornith- bird
- oto- ear
- oxy- sharp, acid, oxygen

### List #29
- pachy- thick
- paleo- old, ancient
- pan- all
- permea- pass, go
- -phore, pher- bear, carry
- pleur- lung, rib, side
- pneumo- lungs, air
- pulmo- lung
- ren- kidney
- ventr- belly, underside
- vit-, viv- life
- xanth- yellow
- xyl- wood

### List #30
- sacchar- sugar
- sarc- flesh
- sept- partition, seven
- -septic infection, putrefaction
- somn- sleep
- son- sound
- spir-, -spire breathe
- stern- chest, breast
- toxic- poison
- trache- windpipe