

Biology Word Roots - prefixes and suffixes

Prefix/Suffix	Meaning	Example
1 a, an	not, without	anemia, asexual, anaerobic
2 amph	double, both	amphibian,
3 amyl	starch	amylase,
4 an	upward, apart	anaphase,anode
5 andr, anth	male, man	anther,
6 ante	before, front	antenna, anterior
7 anti	against, opposite	antiseptic, antibiotic
8 arium	place	aquarium, planetarium
9 arth	joint	arthritis, arthropod
10 aud	sound	auditory
11 auto	self	autotrophic,
12 bio	life	biology, biome
13 brachi	arm	brachial artery
14 cep, cap	head	cephalopod,
15 cardi	heart	tachycardia,
16 chlor	green	chlorophyll,
17 cide, cis	to kill, to cut	pesticide, herbicide
18 cili	a small hair	cilia
19 coel	hollow	coelenterata
20 crani	skull	cranium
21 cyan	dark blue	cyanosis
22 cyst	bladder, sac	nematocyst
23 cyt	cell	cytology
24 de	without	decomposition, denature
25 derm	skin	dermatology
26 e,ex,ef	out, without,from	exoskeleton,exocytosis
27 echino	spiny	echinoderm
28 eco	house, environment	ecology, ecosystem
29 ecto	outside, external	ectoparasite, ectopic
30 ectomy	cut out	appendectomy, hysterectomy
31 endo,en	within	endoskeleton, endosperm
32 epi	upon	epidermis, epithelial
33 eu	good, true	eukaryote, eubacteria
34 fer	to carry, to bear	porifera,conifer
35 gam	marriage, sex cell	gametes, monogamy
36 gastr	stomach	gastritis, gastropod
37 gen	origins	genetics,gene
38 gest	carry, bear	gestation
39 glyc	sugar	hypoglycemia
40 gram	writing, picture	mammogram
41 gyn	woman	gynecologist
42 hal	breathe	inhalation, exhale
43 hem	blood	hematology
44 hemi	half	hemisphere
45 hepat	liver	hepatitis
46 herb	plants	herbivore
47 hetero	other, different	heterotroph
48 histo	tissue	histology

Biology Word Roots - prefixes and suffixes

Prefix/Suffix	Meaning	Example
49 hom	same, alike	homeostasis
50 hyper	over, above	hypertensive, hyperventilate
51 hypo	below, beneath	hypodermic, hypoglycemia
52 im,in	not	invalid, independent variable
53 inter	between	intercostals, intercellular
54 intra	within, into	intracellular, intravenous
55 ion	process	respiration, reproduction
56 ist	one who studies	biologist, geneticist
57 itis	inflammation	tendonitis, hepatitis
58 junct	join	conjunctiva
59 kilo	thousand	kilogram
60 loc	place, position	dislocate, locomotion
61 lys	loose, break	lysosome
62 macro	large	macromolecule
63 mal	bad, badly	malignant, malfunction
64 man	hand	manipulate, manual
65 medi	middle, between	medial, mediate
66 mes	middle, between	mesoderm, mesophyll
67 meta	change, between	metamorphosis, metabolism
68 migra	wander	migrate, emigrate
69 mis	bad, wrong	misidentify, miscarriage
70 mono	single	monocot, monogamy
71 morph	form	metamorphosis, morphology
72 neur	nerve	neuritis, neurologist
73 nom	name, order	taxonomy
74 nuc	center	nucleus, nucleotide
75 oid	resemble, like	steroid, thyroid, haploid
76 ology	study of	biology, pathology
77 ortho	straight, correct	orthopedic, orthodontist
78 osis	process, condition	neurosis, mitosis, halitosis
79 ov	egg	ovum, ovary
80 para	alongside	paramedic, parallel
81 path	disease	pathologist
82 ped, pod	foot	arthropod, cephalopod
83 phag	eat	bacteriophage, esophagus
84 photo	light	photosynthesis
85 phyll	leaf	mesophyll, chlorophyll
86 phys	body, nature	physiology, physician
87 phyt	plant	epiphyte, phytoplankton
88 pneum	lung	pneumococcus, pneumonia
89 poly	many	polysaccharide, polymer
90 pop	people	population
91 port	carry	transport, import
92 post	after	posterior, postpartum
93 pre	before	prefix, precede
94 pseudo	not true, false	pseudopodia, pseudoscience
95 pter	wing	pterodactyl
96 pulmo	lung	pulmonary,

Biology Word Roots - prefixes and suffixes

Prefix/Suffix	Meaning	Example
97 re	back, again	retract, return, reforest
98 rhiz	root	rhizome, mycorrhizae
99 sacchar	sugar	monosaccharide
100 saur	lizard	dinosaur
101 sci	know	science, conscious
102 sect	cut	section, dissect
103 sed, sess	seated, fixed	sedentary, sessile
104 sperm	seed	angiosperm, sperm
105 spir	breathe	spiracles, inspire
106 stom	mouth, pore	stomata, stomach
107 sub	under, below	subarctic, subcutaneous
108 super	above, over	superior vena cava
109 syn	together, with	synapse, photosynthesis
110 taxis	movement response	phototaxis
111 tele, telo	far, end	telophase, telescope
112 therm	heat	thermometer, ectotherm
113 tox	poison	toxic, intoxicate
114 trans	across	transfusion, transpiration
115 troph	nutrition, food	autotroph, trophic level
116 ultra	beyond	ultrasound, ultraviolet
117 vas	vein	vascular
118 vid, vis	see	visible, video, evidence
119 viv, vita	alive, life	vitamin, vital, survive
120 zoo, zoa	animal	zoology, protozoan