



Biology Word Roots Vocabulary



ROOT	MEANING	EXAMPLE
1) A-	without	abiotic
2) Aero-	needing oxygen	aerobic
3) Amphi-	both, doubly	amphibian
4) Arthro-	joint	arthropod
5) An-	without, not	anaemic
6) Anti-	against	antibiotic
7) Aqua-	water	aquaculture
8) Archae-	ancient	archaeobacteria
9) -ase	enzyme	lipase
10) Auto-	self	autotroph
11) Bi-	two	bipedal
12) Bio-	life	biology
13) Carni-	meat	carnivore
14) Carcin-	cancer	carcinogen
15) Centi-	hundredth	centimeter
16) Cephal-	head	cephalopod
17) Chemo-	chemical	chemosynthesis
18) Chloro-	green	chlorophyll
19) Chromo-	color	chromatography
20) Co-	together	coevolution
21) -Cide	kill, killer, killing	herbicide
22) Cyt-	cell	cytoplasm
23) De-	away, from, down	detrivore
24) Di-	two	diploid
25) Derm	skin	epidermis
26) Ecto-	out	ectotherm
27) Endo-	in	endotherm
28) Epid-	above	epidermis
29) Erythro-	red	erythrocyte
30) Eu-	true, genuine	eukaryote
31) Exo-	outer, external	exoskeleton
32) Gam-	marriage, join	gamete
33) Gastro-	stomach	gastroenteritis
34) Geo-	Earth	geology
35) -genesis	origin	spermatogenesis
36) Geno-	genes	genotype
37) Glyco-	sugar, glucose	glycogen
38) Gymno-	naked, bare	gymnosperm
39) Hemo-	blood	hemophilia
40) Herbi-	plant	herbivore
41) Hetero-	different	heterozygous
42) Homo-	same	homozygous
43) Hydro-	water	hydrophilic
44) Hyper-	above	hypertonic
45) Hypo-	below	hypotonic

ROOT	MEANING	EXAMPLE
46) Inter-	between	interphase
47) Iso-	same, equal	isotonic
48) -Itis	disease or inflammation	dermatitis
49) Kilo-	thousand	kilogram
50) -logy	study of	microbiology
51) lys	break down	hemolysis
52) Macro-	large	macroevolution
53) Meso-	middle	mesoderm
54) Meter	measurement	kilometer
55) Micro-	small	microscope
56) Mono-	single, one	monosaccharide
57) Morph	shape	morphology
58) Neuro-	nerves	neuron
59) Non-	not	nonrenewable
60) Omni-	all	omnivore
61) Oo-	egg	oogonium
62) -Ose	sugar	glucose
63) Osteo-	bones	osteoporosis
64) Para-	near, on	parasitism
65) Path-	disease	pathogen
66) Phage	to eat	macrophage
67) -phobia	fear, dislike	hydrophobic
68) Photo-	light	photosynthesis
69) -philia	like	hemophilia
70) -pod	foot	pseudopod
71) Poly-	many	polysaccharide
72) Proto-	first, before	prokaryote
73) Pseudo-	fake, false	Pseudoscience
74) Sacchar-	sugar	monosaccharide
75) -scope	instrument used to see	microscope
76) Semi-	half	semipermeable
77) Sperm	seed	spermatogenesis
78) -synthesis	to make	photosynthesis
79) Sub-	lesser, below	subspecies
80) Tetra	four	tetrapod
81) Therm	heat	thermometer
82) Trans-	across	transcription
83) Tri-	three	trisaccharide
84) -troph	to feed or eat	heterotrophy
85) Vas-	duct or vessel	vascular
86) Vesti-	trace	vestigial
87) -Vore	swallow, devour	carnivore
88) Uni-	one	unicellular
89) Zoo	animal	zoology
90) Zyg-	joined together	zygote