

## SCIENCE VOCABULARY ROOT WORDS

1.	micro-	small	micron, microscope
2.	mono-	one, single	monorail, monosaccharide
3.	multi-	many	multiply, multitude
4.	anthropo-	man	anthropology, anthropomorphism
5.	-logy	study of, science of	biology, zoology
6.	phono-	sound	phonograph, microphone
7.	photo-	light	photograph, photosphere
8.	post-	after	postpone, post meridiem (pm)
9.	pre-	before	prevent, prepare
10.	anti-	against	antidote, antibiotic
11.	pseudo-	false	pseudonym, pseudopod
12.	thermo-	temperature, heat	thermal, thermometer
13.	psycho-	mind	psychology, psychic
14.	helio-	sun	helium, heliocentric
15.	macro-	large	macromolecule, macroscopic
16.	bio-	life	autobiography, biome
17.	chrono-	time	chronological, chronograph
18.	circum-	around	circumpolar, circumnavigate
19.	auto-	self	autograph, automobile
20.	aqua-	water	aquatic, aquarium
21.	poly-	many	polygraph, polygon
22.	quad-	four	quadrant, quadrilateral
23.	neuro-	nerve	neurons, neurosurgeon
24.	corpus-	body	corpse, corpuscle
25.	derm-	skin	epidermis, dermatologist
26.	hemi-	half	hemisphere, hemiptera
27.	avi-	bird	aviation, aviary
28.	chlor-	green	chlorophyll, chlorine
29.	ophthalamo-	eye	ophthamologist, ophthalmic
30.	sub-	below, under	submarine, submit
31.	entomo-	insect	entomology, entomopathogen
32.	contra-	against	contrast, contradict
33.	cardi-	heart	cardiac, cardiovascular
34.	magni-	great, large	magnify, magnificent
35.	hypo-	below, under	hypodermic, hypoglycemia
36.	zoo-	animal	zoology, zooplankton
37.	under-	beneath	understand, underestimate
38.	sphere-	round	spherical, biosphere
39.	ornitho-	bird	ornithology, ornithopter
40.	mort-	death	mortician, mortal
41.	octo, octa-	eight	octagon, octopus
42.	bene-	good	benefit, benefactor
43.	morpho-	form	morphology, anthropomorphic
44.	epi-	upon	epidermis, epilogue

45.	hetero-	mixed	heterogeneous, heterozygous
46.	entero-	intestine	enteritis, enteron
47.	-ectomy	cut out	tonsillectomy, appendectomy
48.	-dont, denti	tooth, teeth	dentist, orthodontist
49.	-phil(e)	loving	bibliophile, hydrophilic
50.	-onym	name	synonym, pseudonym
51.	neo-	new	neonatal, neoplasm
52.	arthro-	joint	arthritis, arthropod
53.	gastro-	stomach	gastric, gastropod
54.	hepato-	liver	hepatitis, hepatophyta
55.	dys-	faulty, bad	dysfunction dysentery
56.	dis-	bad, evil	disease, disaster
57.	chrom-	color	chromosome, chromatograph
58.	luna-	moon	lunar, lunatic
59.	exo-	outside	exotic, exodus
60.	som(e)	body	somatic, dictyosome
61.	super-	over, above	superior, supervisor
62.	intro-	within	introduces, introvert
63.	de-	down, away	decline, depress
64.	ex-	out of, from	exit, expose
65.	nephro-	kidney	nephritis, nephron
66.	per-	through	permeate, impermeable
67.	apo-	away, from	apogee, apostate
68.	-itis	inflammation	laryngitis, appendicitis
69.	-osis	abnormal	halitosis, necrosis
70.	natal-	birth	prenatal, natality
71.	frater-	brother	fraternity, fraternal
72.	scribo-	write	description, inscribe
73.	gen-	race, kind	gender, genus
74.	pedi, pod-	foot	pedestrian, tripod
75.	com-	with	communicate, commerce
76.	eu-	good, true	eugenic, euphoric
77.	mater-	mother	maternal, maternity
78.	pater-	father	paternal, paternity
79.	oto-	ear	otoscope, otology
80.	rhino-	nose	rhinitis, rhinoceros
81.	baro-	pressure	barometer, barograph
82.	iso-	equal	isoptera, isometric
83.	ante-	before	antemeridiem (am), antedate
84.	cyclo-	circular	cyclone, bicycle
85.	geo-	earth	geology, geography
86.	hemo-	blood	hemoglobin, hemostat
87.	hexa, hexo-	six	hexose, hexagon
88.	ambi-	both	ambivalent, ambidextrous
89.	herb-	plant	herbivores, herbal
90.	bi-	two	bivalve, binocular
91.	retro-	backwards	retracts, retroactive
92.	trans-	across	transparent, translate

93. osteo-	bone	osteoporosis, osteopathy
94. non-	not	nonfat, nonsense
95. vita-	life	vital, vitamin
96. nebul-	cloud, cloudy	nebula, nebulous
97. scope-	view	telescope, microscope
98. tele-	far, distant	television, telephone
99. astro-		
aster-	star	astronomy, asteroid
100. inter-	between	interfere, interpret
101. pteron-	wing	pterodactyl, diptera
102. sect-	part, divide	dissect, section
103. hydro-	water	hydrogen, hydrology
104. carni-	flesh	carnivore, carnage
105. aero-	air	aeronautical, aerodynamic
106. graph-	write	paragraph, graphite
107. penta-	five	pentagon, pentose
108. ortho-	straight	orthoptera, orthodox
109. meter-	measure	thermometer, speedometer
110. lysis-	break up	analysis, hydrolysis
111. litho-	rock	lithosphere, lithograph
112. ambul-	walk	ambulate, ambulance
113. vor(e)-	eater	voracious, omnivore
114. somn-	sleep	insomnia, somnabulist
115. ichthyo-	fish	ichthyology, ichthyosaur
116. cephalo-	head	cephalothorax, cephalic
117. intra-	within	intramural, intravenous
118. hyper-	over, excess	hyperactive, hypersensitive
119. patho-	disease	pathology, pathogen
120. homo-	same	homogenize, homoptera
121. mal-	bad, evil	maltreatment, malevolent
122. manus-	hand	manuscript, manual
123. anima-	breath, life	animal, animated
124. arche-	beginning, first in order	archeology, archbishop
125. pneum-	lung	pneumonia, pneumatic
126. omni-	all	omnibus, omnivore
127. ana-	back, up, again	anachronism, anaphase
128. naut-	sailor	nautilus, astronaut
129. son(i)-	sound	sonic, sonorous
130. kine-	motion	kinetic, kinematics
131. halo-	salt	halophyte, halocline
132. biblio-	books	bibliography, bibliophile
133. andro-	male	androgynous, androgen
134. gyn-	female	gynecologist, gynoecium
135. vivo-	life	vivid, vivisect
136. volvo-	roll, turn	revolve, Volvox
137. phyte-	plant	chlorophyte, phytotoxin

138. proto-	first	protozoa, prototype
139. lacto-	milk	lactic, lactose
140. tropi-	turning	heliotropic, hydrotropic
141. meta-	among, change	metamorphosis, metacarpal
142. oculo-	eye	ocular, binocular
143. plasm-	form, molded thing	protoplasm, nucleoplasm
144. mis-	bad, ill	misanthrope, misprint
145. sperm-	seed	spermatophyte, angiosperm
146. gymnos-	naked	gymnasium, gymnosperm
147. cyto-	cell	cytoplasm, cytology
148. germ-	sprout	germinate, germicide
149. cide-	killing	pesticide, homicide
150. syn, sym-	together	symbiosis, synthesis