

<u>Root or Affix</u>	<u>Meaning</u>	<u>Example</u>
a_, an_	without	anaerobic
ab-	away from	abnormal
ad-	to, toward	adhere
aero-	air	aerobic
ambi, amphi	both	ambidextrous
ante-	before	anterior
anthropo-	man, human	anthropology
anti-	against, opposite	antigen
aqua-	water	aquatic
astro-, aster-	star	astronomy
auto-	self	automatic
avi-	bird	aviary
baro-	pressure	barometer
bene-, bon-	good	benefit
bi-	two, twice	biped
bio-	life	biology
capit-, cephalo-	head	decapitate
cardi(o)-	heart	cardiogram
carni-, caro-	flesh	carnivorous
chlor-	green	chloroplast
chrom-	color	chromatin
chrono-	time	chronology
circum-	around	circumference
com-, con-, co-	together, with	combine
contra-, contro-	against	contraception
corpus	body	corpse
cyclo	circular	cyclotron
cyto-	cell, hollow	cytoplasm
dermato-, derm	skin	epidermis
di-, dis-	two	dissect
dorsi-, dorso	back	dorsal
entomo-	insect	entomology
epi-	upon, outer	epidermis
erg-	work	energy
ex-	out, from	excrete
eu-	good	euphoria
frater	brother	fraternal
gen-	race, kind, born, produce	generation
geo-	earth	geology
germ-	sprout	germinate

Your Word

<u>Root or Affix</u>	<u>Meaning</u>	<u>Example</u>
graph	write, record	graphite
gyneco-, gyn	female	gynecology
helio-	sun	heliograph
hemi-	half	hemisphere
hemo-	blood	hemoglobin
herb-	plant	herbivorous
hetero-	mixed	heterogeneous
hexa-	six	hexagon
homo-	same, alike	homogeneous
hydr(o)-	water	dehydrate
hyper-	over, excess	hyperactive
hypo-	under, less	hypodermic
ichthyo-	fish	ichthyology
in-	not	insomnia
in-, en-	into	inbreed
inter-	between	intercellular
intra-	within	intramuscular
iso-	equal	isometric
-itis	inflammation	tonsillitis
junct-	join	junction
kine-	movement	kinetic
lact(o)-	milk	lactic
-logy	science, study of	biology
lunar	moon	lunarian
-lysis, -lyze	break up	analysis
macro-	large	macroscopic
magni-	great, large	magnitude
meta	change, beyond	metaphase
-meter	measure	altimeter
micro-	small	microscope
mono-	one, single	monocyte
morpho-	form	metamorphosis
mortal, mort-	death	mortality
multi-	many	multicellular
natal	birth	postnatal
nebul-	cloudy	nebulous
neuro-	nerve	neuron
non-	not	nonnitrogenous
octo-	eight	octopus
oculo-, ophthalmo-	eye	oculist

<b><u>Root or Affix</u></b>	<b><u>Meaning</u></b>	<b><u>Example</u></b>
omni-	all	omnivorous
ornitho-	bird	ornithology
ortho-	straight	orthopterous
osteo-	bone	osteopath
patho-	disease, feeling	pathology
pedi-, pod	foot, footed	anthropod
per-	through	permeate
phono-	sound, voice	phonograph
photo-	light	photosynthesis
physio-	organic	physiology
poly-	many, much	polyembryony
pos-, pon	place, put	position
post-	after	postnatal
pre-	before	prediagnosis
pro-	for, forward	procreate
pseudo-	false	pseudopod
psycho-	mind	psychology
pteron-	winged	lepidoptera
quad-	four	quadruped
retro-	backward	retroactive
rhodo	rose, red	rhodolite
-scope	view, examine	microscope
-sect	part, divide	dissect
-som(a)	body	chromosome
-somnia	sleep	insomnia
son(i)-	sound	supersonic
sphere-	round, globe	spherical
sub-	under	subconscious
syn-	together, with	synthesis
tele-	far, distant	telescope
ten-	to hold	tenaculum
thermo-	heat	thermometer
trans-	across	transmutation
un-	not	undeveloped
under-	below	underactive
vita-	life	vitamin
-vor(e)	eat	herbivorous
zoo	animal	zoology

## **MICROGLOSSOSCIENTIFIVERBISECT**

### **Translation:**

#### **A Small Glossary of Scientific Word Parts**

The Language of Science contains many long, unfamiliar words, but most of these words are a combination of word parts: prefixes, roots, and suffixes. By learning the meanings of some of the common words parts, you will know the meaning of hundreds of unfamiliar words, and it will be easier to understand what you read in science.

Practice making words with the following word parts. An easy way to build your vocabulary and increase your understanding of what you read is by becoming interested in how words are put together and how they are used.

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