

# The Language of Science

The main reason students find it difficult to understand science is because of all the vocabulary. Scientific vocabulary is a bunch of little words that are linked together to give different meanings. If you learn the meanings of these words, you'll find scientific vocabulary much easier to understand.

WORD	MEANING
a or an	not or non
aero	needing oxygen or air
amphi	both, double
ana	back
anti	against
arthro	joint
auto	self
bi	two, twice, double
bio	life, living
blast	bud
carbo	carbon
centro	center
cephal	head
chemo	chemical
chloro	green
chromo	color
cyto	cell
derm	skin
di	two, double
diplo	double
ecto	outer, external
endo	inner, internal
epi	above, over
exo	outer, external

WORD	MEANING
gastro	stomach
genesis	origin, beginning
glyco	sugar
haplo	single
hemo	blood
hetero	different
homo	alike, similar
hydro	water
hyper	above
hypo	below
inter	between
intra	within, inside
iso	equal
karyo	nucleus
kinesis	movement
logy	study of
lys	break down
macro	large
meso or meta	middle
micro	small
mono	one, single
morph	form
multi	many
muta	change
onco	cancer
patho	suffering
per	through

WORD	MEANING
phag	eat
philia	like
phobia	dislike, fear
photo	light
plasm, plast	form, shape
pod	foot
poly	many
proto	first
pseudo	false
quat	four
soma	body
sperm	seed
spire	breathe
sub	less, below
sym	together
synthesis	to make
taxo	put in order
telo	goal
tert	third
therm	temperature
trans	across
tri	three
troph	eat, consume
zoo, zoa	animal
zygo	pair