

## Scientific Root Words, Prefixes, And Suffixes

a-, an-	not, without, lacking
-able	capable of
-aceous	of or pertaining to
adip-	fat
aero-	air
agri-	field, soil
ambi-	both
amyl-	starch
ante-	before, ahead of time
antho-	flower
anti-	against, opposite
aqu-	water
-ase	forms names of enzymes
auto-	self
bacter-, bactr-	bacterium, stick, club
bi-	(Latin) two twice
bi-, bio-	(Greek) life, living
-blast-	sprout, germ, bud
brev-	short
calor-	heat
carcin-	cancer
cardi-	heart
carn-	meat, flesh
carp-	fruit
carpal-	wrist

## Scientific Root Words, Prefixes, And Suffixes

cata-	breakdown, downward
caud-	tail
-cell-	chamber, small room
centi-	hundredth
centr-	center
cephal-	head
cerebr-	brain
chel-	claw
chem-	dealing with chemicals
chlor-	green
co-	with, together
coel-	hollow
coll-	glue
coni-	cone
contra-	against
corp-	body
cort-, cortic-	outer layer
cotyl-	cup
counter-	against
crani-	skull
-cul-, -cule	small, diminutive
cuti-	skin
cyan-	blue
-cyst-	sac, pouch, bladder
cyt-, -cyte	cell, hollow container

## Scientific Root Words, Prefixes, And Suffixes

de-	away from, down
deca-	ten
deci-	tenth
dendr-	tree
derm-	skin
di-, dipl-	(Latin) two, double
di-, dia-	(Greek) through, across, apart
du-, duo-	two
echin-	spiny, prickly
eco-	house
ecto-	outside of
-emia	blood
en-, endo-, ent-	in, into, within
entom-	insects
epi-	upon, above, over
erythro-	red
eu-	well, good, true, normal
flor-	flower
foli-	leaf
fract-	break
-gam-	marriage
gastr-	stomach
-gene-	origin, birth
-gest-	carry, produce, bear
gluc-, glyc-	sweet, sugar

## Scientific Root Words, Prefixes, And Suffixes

gnath-	jaw
grav-	heavy
gymno-	naked, bare
gyn-	female
halo-	salt
-helminth-	worm
hem-	blood
hemi-	half
herb-	grass, plants
hetero-	different, other
hex-	six
hibern-	winter
hipp-	horse
hist-	tissue
holo-	entire, whole
homo-	(Latin) man, human
homo-	(Greek) same, alike
hort-	garden
hydr-	water
hyper-	above, beyond over
hypo-	below, under, less
-chthy-	fish
inter-	within, inside
intra-	between
iso-	equal, same

## Scientific Root Words, Prefixes, And Suffixes

-ist	person who deals with
-kary-	cell nucleus
kilo-	thousand
lat-	side
-less	without
leuc-, leuk-	white, bright, light
-logist	one who studies
-logy	study of
-lys, -lyt, -lyst	decompose, split, dissolve
macr-	large
mela-, melan-	black, dark
-meter, -metry	measurement
micro-	small, millionth
milli-	thousandth
mis-	wrong, incorrect
mito-	thread
mole-	mass
mono-	one, single
morph-	shape, form
multi-	many
mut-	change
myc-	fungus
mycel-	threadlike
nemat-	thread
neo-	new, recent

## Scientific Root Words, Prefixes, And Suffixes

nephro-	kidney
neur-	nerve
non-	not
nuc-	center
oct-	eight
oligo-	few, little
-oma	abnormal condition, tumor
omni-	all
onc-	mass, tumor
oo-	egg
ornith-	bird
ov-	egg
oxy-	sharp, acid, oxygen
pachy-	thick
paleo-	old, ancient
path-, -pathy	disease, suffering
pent-	five
permea-	pass, go
phag-	eat
pheno-	show
-phil-	loving, fond of
photo-	light
phyc-	seaweed, algae
-phyll	leaf
pino-	drink

## Scientific Root Words, Prefixes, And Suffixes

pinni-	feather
plasm-, -plast-	form, formed into
platy-	flat
pleur-	lung, rib, side
pneumo-	lungs, air
-pod	foot
por-	opening
pre-	before, ahead of time
pseudo-	false, deceptive
pter-	having wings or fins
quadr-	four
quin-	five
re-	again, back
rhag-, -rrhage	burst forth
rhiz-	root
sacchar-	sugar
sapr-	rotten
sarc-	flesh
saur-	lizard
sci-	know
-scop-	look, device for seeing
-scribe, -script	write
semi-	half, partly
sept-	partition, seven
sex-	six

## Scientific Root Words, Prefixes, And Suffixes

solv-	loosen, free
som-, -some	body
-sperm-	seed
spir-, -spire	breathe
-spor-	seed
stom-, -stome	mouth
sub-	under, below
super-, sur-	over, above, on top
sym-, syn-	together
tax-	arrange, put in order
telo-	end
terr-	earth, land
tetr-	four
therm-	heat
trans-	across
tri-	three
-trop-	turn, change
-troph-	nourishment, one who feeds
uni-	one
-vor-	devour, eat
xanth-	yellow
xero-	dry
xyl-	wood
zo-, -zoa	animal
zyg-	joined together