

Common Science Vocabulary

Prefix / Root/ Suffix	Meaning	Example
a, an	without, not	asexual
ab, abs, a	apart, away from	abnormal, abduct, abductor (muscle)
ante	before	anterior
anti	against	antipathy, antitank, anticlimax
aqua/ hydro	water	aquarium, aqueous/ hydrolysis, hydroelectric, hydroplane
auto	self	auto-immune
bi	two	bicuspid, bivalve
bio	life	biology, biography, bio-active
co	together	co-dominance, covalent, coefficient
di	two, double	dimorphism, dicotyledon, diatomic
duc	to lead, bring, take	deduce, produce, reduce
endo	internal	endoskeleton, endothermic, endoscopic
epi	upon, over	epidermis, epidemic, epinephrine, epicenter
exo	out	exotic, exterior, exothermic, exoskeleton
geo	earth	geology, geography, geocentric
hetero	mixed, unlike	heterogeneous, heterosexual, heterozygous,
homo	same, alike	homogeneous, homozygous, <i>Homo sapiens</i> , homeostasis
hyper	excessive, above	hyperactive, hypertonic, hyperextend
hypo	below	hypodermic, hypotonic,
inter	between	interact, interstellar, interpret, interstitial, intercellular, internet
intra	within, inside	intracellular, intranet,
logy	science, study	biology, geology, dermatology
macro	large	macroscopic, macrophage
meter	measure	metronome, speedometer, odometer
micro	small	microscope, micron, micrometer, microorganism
mono	one, single	monopoly, monohybrid, monarchy

Common Science Vocabulary

Prefix / Root/ Suffix	Meaning	Example
nomen	name	nomenclature, nominal
ped	foot	pedestrian, pedal, pedicure, podiatrist
pend	to hang	appendage, depend, pendulum
phage	eat	phagocyte, phagocytosis
philo	love	philosophy, philanthropy, hydrophilic
photo	light	photosynthesis, photograph
pro	before, in favor of	project, projectile, prophase
scope	examine	microscope, oscilloscope
synthesis	to make	photosynthesis
therm	heat	thermal, thermometer, thermostat
tract	to pull, drag, draw	attract, contract, extract, protract, retract, traction
trans	across	transport, transcend
vert	to turn	convert, divert, invert, revert

Academic Vocabulary	Definition
Analyze	to examine the pieces/parts and study their relationship
Distinguish	identify the difference between
Evaluate	to examine and judge carefully
Formulate	to put together
Inference	using both prior knowledge and evidence to make a conclusion
Interpret	explain the meaning or significance
Interact	work together
Relationship	the manner in which things are connected/linked
Reliable	able to be trusted, dependable
Valid	tested and based on truth/facts
Variable	capable of being changed