

Social Science Word Parts (Roots and Prefixes)

Word Part	Meaning	Example
agri	field	agriculture
ante	before	antebellum
archy	govern	monarchy
anthropo	man	anthropology
auto	self	autocrat
bene	good	benefit
cede, cede, cess	go, yield, give away	succeed
contra	against	contradict
cycle	circle, ring	recycle
demos	people	democracy
duc, duct	lead	conduct
endo	within	endogamy
div	separate	divide
ex	out	excavate
fac, fact	to make or do	factory
form	form, shape	uniform
geo	earth	geography
jud	judge	judgment
liber	free	liberty
loc, locat	place	locate
man (u)	hand	manuscript
mis, mit	to send	transmit
mov, mot, mob	move	remove
mort	death	mortal
neo	new	Neolithic
ortho	straight	orthodox
pan	all	panorama
pre	before	precede
poli	city	police
port	to carry	export
pro	for	proponent
proto	first	prototype
ques	ask, seek	question
rupt	break	disrupt
retro	backward	retrospect
spect	to look	inspect
theo	god	theology
trans	across	transatlantic
ven, vent	to come	convention

Math Word Parts (Roots, Prefixes, and Suffixes)

Work Part	Meaning	Example
bi, di, duo	two	biweekly
circum	around	circumference
centi	hundred	centimeter
cide	kill	homicide
dec	ten	decade
div	separate	divide
equi, equa	equal	equivalent, equate
fer	carry, bear	transfer
fract, frag	break	fraction
funct	perform	function
giga	billion	gigabyte
gon	side	polygon
grad	step, stage	gradual, gradient
hemi	half	hemisphere
hex	six	hexagon
hept	seven	heptagon
junct	join	junction
lat	side	lateral
kilo	thousand	kilogram
meter	measure	metric
micro	small	microscopic
milli	thousand	millisecond
mono	one	monocycle
numer	number	numeral
non, nov	nine	nonagon
oct	eight	octagon
pent	five	pentagon
poly	many	polygon
prim, prime	first	primary
pon, pos, posit	place, put	deposit, position
quad, tetra	four	quadrilateral
quint	five	pentagon
sex	six	sextuplet
sept	seven	septennial
simil	same	similar
sphere	ball, sphere	sphere, hemisphere
tang	touch	tangent
tri	three	triangle
uni	one	unilateral
vert, verse	turn	invert, reverse

Science Word Parts (Roots and Prefixes)

Root	Meaning	Example
agri	field	agronomy
aqua	water	aquarium
amphi	both sides	amphibian
anthrop	man	anthropology
arbor	tree	arboretum
astro, aster	star	astronomy, asteroid
aud	sound	audible
avi	bird	aviary
bio	life	biology
carni	flesh	carnivorous
cap, cepha	head	decapitate, encephalitis
chrom	color	chromatic
cardio	heart	cardiology
chiro	hand	chiropractor
cili	hair	ciliophora
corp, corpus	body	corpse
cosmo	universe	cosmic
crea	create	creation
crusta	shell	crustacean
dent	tooth	dentist
derm, derma	skin	dermatologist
dorm	sleep	dormant
dyna	power	dynamic
echino	spiny	echinodermata
form	form, shape	formula, formulate
gastro	stomach	gastritis
geo	earth, land	geology
grav	heavy	gravity
helio	sun	heliotrope
hemo, hema, hem	blood	hemoglobin
hydro	water	hydroponics
hypno	sleep	hypnosis
ject	throw	eject
logy	study of	biology
luna	moon	lunar
magni	great, big	magnify
mar	sea	marine
meta	change	metamorphosis
meter	measure	Metric

Science Word Parts (Roots and Prefixes) continued

Root	Meaning	Example
mono	one	monoplane
mort	death	mortician
morph	shape	metamorphosis
ortho	straight	orthodontics
neuro	nerve	neuropathy
noct	night	nocturnal
nucleo	nut, kernel	nucleus
oral	mouth	oral
paleo	ancient	paleontology
ped	foot	pedal
phon	sound	phonic
phyta	plant	chorophyta
pod, poda	foot	pseudo pod
prim	first	primary
psycho	mind	psychology
pyro	fire	pyrotechnics
scope	to see	microscope
sect, sec	cut	dissect
sed	to settle	sediment
sol	sun	solar
sphere	round	spherical
spir	breath	respiration
spermae	seed	sperm
stasis	stationary condition	homeostasis
struct	to build	construct
terra, terr	earth	terrace
therm	heat	thermometer
tracheo	tube	trachea
trib	give	tributary
tox	poison	toxic, intoxicate
valva	folding door	bivalva
vis	see	visible
viv, vitae	live	vital
volv	roll	revolution
vora	eat	carnivore
zoo	animal	zoology