



# Word Roots Resource Sheet

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*Using roots to  
decode big,  
intimidating  
scientific terms!*

# Scientific Word Roots

Name: \_\_\_\_\_

A(N)-	not, without, lacking	ASC-	bag	CER(AT)-	horny, horny tissue,
AB-	away from, out from	-ASE	ending on enzyme		cornea
ABLE-	capable of		names	CARIN-	keel
AC-	to, toward	ASTER- (ASTR-)	star	CAR(N)-	flesh, meat
-ACEOUS	of, pertaining to	-ATE	the act of (verb form)	CARP-	fruit
ACR-	extremity, summit	ATHER-	fatty deposit	CARPAL-	wrist
ACTIN-	ray	-ATION	the act of (noun form)	CARY-	nucleus, nut
AC(U)-	sharp, sour, needle	ATMO-	vapor	CATA-	breakdown,
AD-	to, toward	ATRI-	entrance hall		downward
ADELPH-	brother	AUD(I)-, (AUDIT-)	to hear	CAU(S)-	to burn
ADEN-	gland	AUR-	ear	CAUD-	tail
ADIP-	fat	AUT(O)-	self	CAUL-	stem, stalk
AER-	air, gas	AUX(E)-	increase	CAV-	hollow
AESTHE-	to feel, to perceive	AXILLA-	armpit	CED- (CESS-)	to go, to yield
AG-, (ACT-)	to do, to drive, to act	BA-	to step, to go, to walk	-CELE	hernia, swelling
AGOG(UE)-	inducing the flow of,	BACILL-	rod	-CELL-	chamber, small room
	expelling	BACTER- (BACTR-)	bacteria, stick, club	CEL(I)- (-COEL-)	cavity, abdominal
AGRA-	painful seizure	BALAN-	acorn , the glans penis		cavity
-AL	having the character	BALL-, (BOL-), (BLE-)	to throw, to put	CEN- (CENE-)	now, recent
	of	BAR-	weight, pressure	CENT(I)-	hundred(th)
AL-	wing	BARB-	beard	CENTE-	puncture, pierce
ALB-	white	BARO-	weight	CENTR-	middle, center
ALEX-	to ward off	BARY-	heavy	CEPHAL-	head
-ALG(IA)-	pain	BATH-	depth, height	CER-	wax
ALL-	other, different	BENE-	well, good	CERAT-	horn
ALTO-	high	BI(O)-	life	CERC-	tail
ALVEOL-	hollow	BI-, (BIN-)	two, twice	CEREBR-	brain
AMBI-	both	BIL-	bile	CERN- (CRET-)	to separate, to
AMBUL-	to walk	-BLAST-	bud, germ, sprout		distinguish, to secrete
AMEB-	change, alteration	BLENN-	mucus	CERVIC-	neck
AMNI-	fetal membrane	BLEP-	to see	CHEIL-	lip
AMPHI- (AMPHO-)	both	BLEPTHAR-	eyelid	CHEL-	claw
AMYGDAL-	almond, tonsil	BRACHI-	arm	CHIR- (CHEIR-)	hand
AMYL-	starch	BRACHY-	short	CHLAMYD-	cloak, envelope
ANA-	up, back, again	BRACT-	thin plate	CHLOR-	green, chlorine
ANCON-	elbow	BRADY-	slow	CHOLE(E)-	bile, gall
ANDR(O)-	man, male	BRANCHI-	gills, fin	CHONDR(I)-	cartilage, granule
ANEMO-	wind	BREV-	short	CHORD-	cord
ANG-	choke, feel pain	BRONCH(I)-	air tube, wind pipe	CHOR(I)-	fetal membrane, tunic
ANGI-	blood vessel, duct	BUCC-	cheek, mouth		of the eyeball
ANKYL-	bent, stiff, adhesion of	BULL-	bubble, blister	CHROM(AT)-	color
	parts	BULLI-	to boil	CHRON-	time
ANNUL-	ring	BURS-	bag, pouch	-CHY(M)- (CHYL-)	to pour, juice
ANS-	jug, handle, loop	CAC- (KAK-)	bad	-CID- (-CIS-)	to cut, to kill
ANTE-	before	CAD- (-CID-) CAS-	to fall, to befall	CILI-	eyelid, eyelash
ANTH-	flower	CAL-	to be warm	CINE-	to move
ANTHROP-	man, human being	CALC-	limestone, pebble,	CING- (CINCT-)	to bind, to gird
ANTI-	against, opposite		calcium	CIRCA- (CIRCUM-)	around, about
ANTR-	cavity, sinus	CALC(ANE)-	heel	CIRRU-	hair-like curls
ANTHROPO-	man, human	CALCAR-	spur	CLAD-	branch
AP- (-APH-)	touch	CALL-	hard skin	CLAS-	to break
APIC-	tip, summit, apex	CALOR-	heat	CLAV-	club, key, collarbone
AP(O)-	away from	CALYPT(R)-	hidden	CLEID-	clavicle
AQ(U)-	water	CAMER-	chamber	CLI- (CLEI-)	to close
ARACHN-	spider	CAMP(T)-, CAMPYL-	bent	CLIEST-	closed
ARBOR-	tree	CAN-	dog	CLIN-	to slope, to lean
ARCH(AEO)-	ancient, primitive,	CAN(D)-	white, grey, glowing	CLIV-	slope
	beginning		white	CLON(US)-	muscle spasm
ARC(U)-	bow, arch	CAP(T)- (CIP-), CEPT-	to take, to seize	CLUD- (CLUS-) CLOS-	to close, to shut
ARE-	space	CAPILL-	hair	CLY(S)-	to wash
ARTERI-	artery	CAPIT- (-CIPIT-)	head	CO-	with, together
ARTHRO-	joint, articulation	CAPS-	box	COCC-	berry-shaped, seed
ARTICUL-	joint	CARCIN-	cancer	COCT-	to cook, to boil
-ARY (-ARIUM)	place for something	CARDI-	heart	COEL-	hollow

COL-	colon (large intestine), to inhabit	DERM(AT-)	skin	FALC-	sickle
COLL-	neck	DESM-	ligament	FASCI-	band
COLL(A)-	glue	DEXTR-	right (hand)	FAV-	honeycomb
COLP-	vagina	DEUT(ER-)	second	FEBR-	fever
CONDYL-	knob, knuckle	DI(A)-	through, across, apart	FEC-	excrement (poop)
CONI-	dust or cone	DIA-	day	FEMUR-	thigh bone
CONTRA-	against	DI- (DIPL-)	twice, double	FENESTR-	window, opening
COPR-	excrement (poop)	DICH-	in two	-FER-	to bear, to carry, to produce
CORD-	heart	DIDYM-	twin, testicle	FERR(O)-	iron
COR(E)-	pupil of eye	DIGIT-	finger, toe	FET- (FOET-)	offspring, fetus
CORI-	skin	DIN-	terrible	FIBR-	fiber, thread
CORM-	trunk	DIPS-	thirst	FIBUL-	clasp, outer bone of leg
CORN(U)-	horn	DIS-	apart, put	FID- (FISS-)	to split, divide
COROLL-	little crown	DOCH-	to take or receive	FIL-	thread
CORON-	crown	DOL-	to feel pain, to cause pain	FLA(T-)	to blow
CORP-	body	DOLICH-	long	FLAGELL-	whip, whip-like appendage
CORTIC-, CORT-	bark, outermost layer	DORM(IT-)	sleep, to sleep	FLAV-	yellow
COSMO-	world, order, form	DORS-	back	FLEX- (FLECT-)	to bend
COTYL-	cup	DREPAN-	sickle	FLOCC-	tuft of wool
COST-	rib	DROM-	running, course	FLOR-	flower
COUNTER-	against	DU(O)-	two	FLUVI-	river
COX-	hip, hip joint	-DUC(T)	to lead, to draw	FLU(X-), FLU(CT-)	to flow
CRA-	to mix	DUR-	hard	FOLI-	leaf
CRANI-	cranium, skull, head	DYN(AM-)	power	FOLL-	bag
CRE(T)- (CRESC-)	to grow	DYS-	bad, abnormal, difficult	FOR-	to bore, to pierce
CREN-	notch	EBURN-	ivory	FORMIC-	ant
CREPIT-	to creak, to crackle	EC-	out of, away from	FORNIC-	arch
CRI-	to separate, to distinguish	ECH-	echo, repetition	FOSS-	ditch, trench, to dig pit
CRIN-	to secrete	ECHIN-	spiny, prickly	FOVE-	to break, to bend
CRIST-	crest	ECO-	house	FREN-	rein, bridle
CROT-	pulse beat	ECTO-	outside of	FRONT-	forehead, front
CRUC-	cross	EDE-	to swell	FRUG- (FRUCT-)	fruit
CRUR-	leg	EGO-	I, self	FRUTIC-	shrub
CRY(M)-	cold	-ELLE	small	FUG-	to flee
CRYPT-	hidden, covered	EME-	to vomit	FUN-	rope, cord
CUB(IT)-,	elbow	-EMIA	blood	FUND- (FUS-)	to pour, to melt
-CUL(E)	small	-EN	made of	FUNG-	mushroom
CUMUL-	heap	ENCEPHAL-	brain	FURC-	fork
CUNE-	wedge	EN(DO)-, ENT-	in, into, within	FUS-	spindle
CUR(R)- (CURS-)	to run, to go	ENNEA-	nine	FUSC-	dark, brown, tawny
CUSPID-	point	ENS-	sword	GALA(CT)-	milk
CUT(I)-	skin	ENTER-	intestine, gut	-GAM-	marriage
CUT- (CUSS-)	to shake, to strike	ENTOM-	insects	GANGLI-	mass of nerve tissue, small cyst or swelling
CYAN-	blue	EO(S)-	dawn or early age, rosy	GASTR- (GASTER-)	stomach, belly of a muscle
CYCL(E)-	circle, wheel, ciliary body of the eye	-EOUS	nature of, like	GE-	earth
CYE-	to be pregnant	EPI-	upon, above, over	GEMIN-	twin, paired
CYM-	wave	EQU-	horse	GEMM-	bug
CYN-	dog	ER(OT-)	love	GEN(IT-)	produce, give birth to
CYST-	bladder, cyst, sac	ERG-	work	-GEN (-GINE)	producer, former
CYT(E)-	cell, hollow container	ERR-	to wander, go astray	-GEN(E)- (GON-)	to be produced, seed chin
DACRY-	tear	ERYTHER(O)-	red	GENI-	to be produced, seed chin
DACTYL-	finger, toe	-ESCENT	becoming	GEN(U)-	knee
DE-	to bind or away from, down	ESO-	inward, within, inner	GENY-	jaw, cheek
DEC(A)- (DECI-)	ten(th)	ESTHE-	to feel, to perceive	GEO-	land, earth
DEC(EM-) (DECIM-)	ten, tenth	EU-	well, good, true, normal	GER- (GEST-)	to carry, to bear
DELIQUESC-	become fluid	EURY(S)-	wide(n)	GERM(IN-)	sprout, bud, germ
DEM-	people, country	EX-	out of, away from	GEU-	to taste
DEMI-	half	EXTRA-	beyond, outside	GINGIV-	the gums
DENDR-	tree	FAC(T-) (FIC-) -FECT-	to do, make		
DENT-	tooth	FACI- (-FICI-)	face, surface		

GLABR-	smooth	-IASIS	disease, abnormal condition	LENT-	lentil, lens
GLAUC-	silvery, gray-green			LEP-	to seize
-GLEN-	eyeball	I(T)-	to go	LEPID-	scale
GLI-	glue	IATR-	physician, medical treatment	LEPT-	thin, delicate
-GLOB	ball, round			-LESS	without
GLOMER-	ball of yarn	ICHTHY-	fish	LEUC- (LEUK-)	white, bright
GLOSS-, GLOT(T)-	tongue	IDE-	idea, mental image	LEV-	lightweight
GLUTIN-	glue	IDI-	one's own, peculiar, distinct	LEX-	to read
GLYC- (GLUC-)	sugar			LIEN-	spleen
GLUT-	butt	IGN-	fire	LIG-	to bind
GNATH-	jaw	ILE-	ileum, last division of small intestine	LIGN-	wood
GNO-	to know			LIMIN-	threshold
-GON(I)-	angle corner	ILI-	flank, hip	LIN(E)-	line
GON(Y-) (GONAT-)	knee	IN-	fiber, muscle or very, thoroughly	LINGU-	tongue, language
-GRAD- (-GRESS-)	to step, to go	IN- (IL-) IM- (IR-)	not or to, toward, into	LIP-	fat
-GRAPH (-GRAM)	thing written	INCUD-	anvil	LITH- (LITE-)	stone
GRAV-	heavy	-INE	of or pertaining to	LOB-	lobe
GREG-	flock	INFRA-	below, beneath	LOC-	place
-GROSS-	thick	INGUIN-	groin	-LOGIST	one who studies...
GUST-	to taste	INSUL-	island	-LOGY	study of...
GUTT-	drop	INTER-	between	LUC-	light, to shine
GYMN(O)-	naked, uncovered, bare	INTRA-	within, inside	LUMB-	loin
		IPSI-	same	LUMIN-	light
GYN(EC-), GYNAEC-	female	IRID-	iris, rainbow	LUN(A)-	moon
GYR-	ring, circle, spiral	IS-	equal	LUTE-	yellow
HAL(O)-	salt	ISCH-	to suppress	LYS- (LYT-)	split, dissolve, break up
HAL(IT)- (HALE-)	breath, to breathe	ISCHI-	hip	LYMPH-	water
HAPL-	single, simple	-ISM	a state or condition	MACR-	large, long
(H)APT-	to touch	ISO-	equal, same	MACUL-	spot
(H)APH-	sense of touch	-IST	person who deals with...	MAGN-	large, great
HAUST-	to draw out, to drink			MAL-	cheek, cheekbone
HECT(O)-	hundred	-IT IS	inflammation, disease	MALAC-	soft
HELI-	sun	-IUM	refers to part of body	MAL(E)-	bad
HELIC-	spiral	JAC-	to lie	MALLE-	hammer
-HELMINTH-	worm	JECT-	to throw	MAMM-	breast
HEM(AT)-	blood	JACUL-	dart	MAN(U)-	hand
HEMI-	half	JUNCT-	to join	MARG-	border, edge
HEPAT-, HEPAR-	liver	JUG-	yoke	MAST- (MAZ-)	breast
HEPT(A)-	seven	-KARY-	cell nucleus, nut	MASTIG-	whip, flagellum
HER- (HES-)	to stick	KEL-	tumor, swelling	MATR- (MATERN-)	mother
HERB-	grass, plants	KER(AT)-	horny, horny tissue, cornea	MEAT-	to go, to pass
HETER(O)-	other, different			MED(I)-	middle
HEX(A)-	six	KILO-	one thousand	MEDIC-	to heal
HI(AT)-	to stand open	KINE-	to move	MEG(AL)-	large, one million
HIBERN-	winter	KYM-	wave	MEL-	limb
HIDR(OS)-	sweat	LAB- (LAPS-)	to slip, to glide, to fall	MELA(N)-	black, dark
HIPP-	horse	LABI- (LABR-)	lip	MEN-	moon, menstruation
HIST(I)-	tissue	LACRIM- (LACHRYM-)	tear	MENING-	membrane
HOD-	way, road	LACT-	milk	MENT-	mind or chin
HOL(O)-	whole, entire	LACHRY-	tear	-MER	part
HOM(O)-	same, similar or man, human	LACT-	milk	MES-	middle, half, intermediate
		LACUN-	small pit		
HORT-	garden	LAL-	to talk	MET(A)-	between, along, after
HYAL-	glass, vitreous body of the eye	LAMIN-	thin plate	-METER (METRY-)	measurement
		LAN-	wool	MICR(O)-	small, one millionth
HYDR-	water, fluid	LAPAR-	abdomen	MIL(LI)-	thousand, thousandth
HYGR-	moisture, wet	LARYNG-	larynx	MIS-	hate or wrong, incorrect
HYPER-	above, beyond, over	LAT-	to bear, to carry or broad/wide		
HYPH-	weaving, web			MIT(O)-	thread
HYPN(O)-	sleep	LAT(ER)-	side	MIT(T)-, MIS(S)-	to send, to let go
HYPO-	below, under, less	LECITH-	yolk	MNE-	to remember
HYSTER-	uterus	LEI(O)-	smooth	MOB-	to move
-IAC	person affected with disease	LEMM(A)-	sheath, husk	MOGI-	difficult

MOLE-	mass	OLIGO-	few, little	PERMEA-	pass, go
MOLL-	soft	OM-	shoulder	PET(IT)-	to seek
MON(O)-	one, single	-OMA	abnormal condition,	PETR-	rock
MONT-	mountain		tumor	PEX-	to fasten
MORB-	disease	OMNI-	all	PHA- (PHAN-)	to speak, appear,
MORPH-	form, change, shape	OMPHAL-	navel		show
MORT-	death	ONC(US)-	tumor, mass, swelling	PHAG-	to eat
-MOT- (-MOV-)	to move	ONT-	being, individual	PHENO-	show
MUC-	mucus	ONYCH-	finger or toenail, claw	-PHIL-	to love, have affinity
MULT(I)-	many	ONYM-	name		for
MUR-	wall	OO-	egg	PHLEB-	vein
MUT-	change	OP(T)-	eye, sight	PHON(E)-	sound, voice
MY(S)-, MYOS-	muscle	OPHTHALM-	eye	PHOR(E)- (PHER-)	to bear, carry, go
MYCEL-	threadlike	OPISTH-	behind	PHOT(O)-	light
MYC(ET)-	fungus	ORB(IT)-	circle, round, ring, eye	PHRA-	to speak
MYEL-	spinal cord		cavity	PHRAG-	to block up, wall in
MYI-	fly	ORCH(ID)-	testicle	PHEM-	voice
MYRIA-	many	ORIS	mouth	PHOB(IA)-	fear, hatred
MYX-	mucus, slime	-ORIUM (-ORY)	place for something	PHREN-	mind, diaphragm
NANO-	billionth	ORNIS- (ORNITH-)	bird	PHTHI-	to waste away
NAR-	nostril	ORTH-	straight, correct, right	PHYC-	seaweed, algae
NARC-	stupor	OS- (OR-)	mouth, opening	PHYL-	related group
NAS-	nose	OSCU-	mouth	PHY(T)-	plant, to grow
NASC- (NAT-)	to be born	-OSIS	abnormal condition	PHYC-	seaweed
NE-	new, different	OSM-	smell	PHYL-	race
NECR-	corpse, dead	OST(E)- (OSS-)	bone	PHYLAC(T)-	to guard, protect
NEM(AT)-	thread	OSTI-	door, opening	-PHYLL	leaf
NEO-	new, recent	OT(O)-	ear	PHYSI-	nature, natural
NEPHR(O)-	kidney	-OUS	full of		qualities
-NER-	moist, liquid	OV-	egg	PHYT(E)-	plant
NEPHRO-	kidney	OX(Y)-	sharp, acid	PIL-	hair
NEUR-	nerve, tendon	PACHY-	thick	PILE-	cap
NEV-	birthmark, mole	PALAT-	palate, roof of mouth	PINN(I)- (PENN-)	feather, wing, fin
NID-	nest	PALE(O)	old, ancient	PINO-	drink
NIGR-	black	PALI(N)-	again, back	PISC-	fish
NOC- (NOX-)	harm	PALLI-	mantle, covering	PLAN-	flat or roaming,
NOCT- (NOX-)	night	PALM-	broad, flat		wandering
-NOD(E)	knot	PALP-	to touch, stroke	PLANT-	sole of foot, sprout
NOM(IN)-	name	PALPABR-	eyelid	-PLAST- (PLASM-)	to form, mold
-NOM (-NOMY)	ordered knowledge,	PAN(T)-	all, complete	PLATY(S)-	broad, flat
	law	PAPILL-	nipple	PLEG-	paralysis
NON-	nine or not	PAR(A)-	equal, beside, near	PLEUR-	side, rib, lung
NOS-	disease	PAR(T)-	to give birth, to	PLEX-	stroke, to braid
NOT-	back		produce	PLIC(IT)-	to fold
NOVEM-	nine	PARIET-	wall	PLO-	folded, fold
NUC-	nut or center	PART-	to divide	PLUM-	feather
NUD-	naked	PAT-	to spread or lie open	PLUR-	many, more
NUTRI(T)-	to nourish (feed)	PATELLA	pan, kneecap	PNE(A)-, PNEUST-	breathing
NYCT-	night	PATH(Y-)	disease, suffering,	PNEUM(AT)-	air, gas
OB-	against		feeling	PNEUM(ON)-	lungs, air
OCCIPITUS-	back of skull	PATI- (PASS-)	to suffer, to endure	-POD, (PUS-)	foot
OCT(A)-	eight	PECTIN-	comb	POIKIL-	varied, irregular,
OCUL(L)-	eye	PECTOR-	breast		mottled
OCT-	eight	-PED-	food	POLI-	grey
OD-	way, road	-PED(IA)-	child, instruction	POLY-	many, much
ODONT-	tooth	PEL(L)-, PULS-	to push, drive, beat	POM-	fruit
ODYN-	pain	PELLVIS	basin	PON-, POS(IT-)	to place, put
OLE-	oil	PELL-	skin	PONT-	bridge
OLIG-	few, scanty	PEN-	deficiency, lack	POPLES-	ham, knees
OEC- (OEK-)	house	PEND- (PENS-)	to hang, weigh, pay	POR-	passage, pore,
-OID	form, appearance	PENT(A)-	five		opening
OIK- (OIC-)	house	PEP(S)-, PEPT-	to digest	PORPHYR-	purple
OLENE-	elbow	PER-	through	PORT-	carry
OLF-	smell	PERI-	around	POST-	after, behind

POT-	to be powerful	SACRUM	holy bone	STERE-	solid, three dimensional
PRE-	before, ahead of time	SALPING-	tube	STERN-	chest, breastbone
PRED-	prey	SANGUI(N)-	blood	STETH-	chest
PRESBY-	old	SAPR-	rotten	STHEN-	strength
PRIM-	first	SARC-	flesh	STIG-	pricking, mark, point
PRO-	forward, favoring, before	SAUR-	lizard	STIP(IT)-	stalk
PROCT-	anus, rectum	SAX-	rock	STOL- (STLE-) STAL-	to send, to contract
PRON-	inclined, face down	SCAPULA	shoulder	STOM(E)-	mouth, opening
PROPRI-	one's own	SCHIZ-, SCHIS(T)-	to split, divide	STRAT-	layer
PROSOP-	face	SCI-	know	STEREO-	solid, 3 dimensional
PROT(O)-	first, original, primitive	SCIND- (SCISS-)	to cut	STREPT- (STROPH-)	turned, twisted
PROXIM-	near, nearest	SCLER-	hard	STRI-	furrow, groove
PRUR(IT)-	to itch	-SCOP(E)-	to view, look, see	STRING- (STRICT-)	to draw tight
PSEUD(O)-	false, fake	-SCRIBE (-SCRIPT)	to write	STRU- (STRUCT-)	to build
PSYCH-	mind, soul	SCUT-	shield	STYL-	pillar
PTER-, PTERYG(I)-	having wings, fins	SEB-	grease, tallow	SUB-	under, below
PTO-	fall	SEC(T)-	to cut	SUD-	to sweat
PTY(AL)-	to spit, saliva	SED- (SID-) SESS-	to sit, settle	SULC-	furrow, groove
PULM(O)-	lung	SEMI-	half, partly	SUPER- (SUR-)	over, above, top
PULS-	drive, push	SEMIN-	seed	SYM- (SYN-)	together
PULV(ER)-	dust	SEN-	old	SYRING-	pipe, tube
PULVIN-	cushion	SENS- (SENT-)	to feel, perceive	TA-	to stretch
PUNG- (PUNCT-)	to prick	SEP-	to rot, putrefy	TAC- (TAX-)	to arrange, put in order
PUR-	pus	SEP(T)-	wall, separation	TACH(Y)-	swift, quick
PY-	pus	SEPT(EM)-	seven	TANG- (TING-) TACT-	to touch
PYCN- (PYKN-)	thick, frequent	-SEPTIC	infection	TARS(O)-	instep, ankle, edge of the eye
PYEL-	pelvis, kidney	SERR-	saw-toothed	TAX-	arrange, put in order
PYG-	butt	SESS-	sit	TEG- (TECT-)	to cover
PYL(E)-	gate, entrance	SET-	bristle	TELE-	afar, at a distance
PYR(ET-), PYREX-	fire, fever	SEX(T)-	six	TELO- (TELE-)	completion, end, purpose
QUADR(U)-	four	SIAL-	saliva	TEMPOR-	the temples
QUART- (QUAT-)	four	SICC-	dry	TEN(T)-, TIN-	to hold
QUIN(T)-	five	SINISTR-	left	TEND- (TENS-) TENT-	to stretch
RACEM-	cluster of grapes, berries	SIN(U)-	curve, cavity	TERMIN-	end, boundary
RAD- (RAS-)	to scrape	-SIS	condition, state	TER(R)-	earth
RADI-	spoke of wheel, ray	SIT-	food	TER(N)-, TERTI-	three, third
RADIC-	foot	SOL-	sun	TETR(A)-	four
RAM-	branch	SOLV- (SOLUT-)	to loosen, dissolve, free	-THEL-	cover a surface
RE-	again, back	SOM(AT)-	body	-THERM-	heat
RECT-	right, correct	SOMN-	sleep	-THE(S)-	put
REN-	kidney	SON-	sound	THANAT-	death
RET-	net, network, netlike	SORB- (SORPT-)	to suck in	THE-	to put, to place
RHABD-	rod	SPA-	to draw, to jerk	THEC(A)-	case, sheath
RHACH(I)-, RACH(I)-	spine	SPEC- (SPIC-)	look at	THEL-	nipple
-RHAG(E)-	burst forth	SPERM(AT)-	seed, semen	THERM-	heat
RHAPH-	to sew, to suture	SPHEN-	wedge	THORAC-	chest
RHE-, (-RRHEA-)	to flow, current	-SPHER-	ball, round	THROMB-	clot
RHIN-	nose	SPHYGM-	pulse	THYM-	mind, emotions
RHIZ-	root	SPIC-	point, spike	TOC- (TOK-)	childbirth
RHODO-	rose	SPIN-	thorn, spine	-TOM-	to cut, slice
RIG-	to be stiff	SPIR-	to coil	TON-	stretching, tension
RIM-	crack, chink	SPIR(E)-	to breath	TOP-	place
ROD- (ROS-)	to gnaw, chew	SPLANCHN-	entrails, viscera	TORQU- (TORS-)	to twist
ROSTR-	beak	SPONDYL-	vertebra	TOX(ICO)-	poison
ROT(O)-	wheel	-SPOR-	seed	TRACHE-	windpipe
RRHAG-	excessive discharge, especially blood	SQUAM-	scale	TRACHEL-	neck
RUB(R)-	red	STAT- (STASIS-)	to stand, to stop	TRACT-	to drag, to draw
RUG-	wrinkle	STAPHYL-	bunch of grapes, uvula	TRANS-	across
RUMP- (RUPT-)	to break, burst	STEAR- (STEAT-)	fat, tallow	TRE(T)-	to bore, to perforate
SAC(C)-	bag	STELL-	stars	TRI-	three
SACCHAR-	sugar	STEN-	narrow		
		STERC(OR)-	excrement		

TRIB- (TRIP-)	to rub, to crush
TRICH- (THRIX-)	hair
TROCH-	wheel, disk
TROP- (TREP-)	to turn, change
TROPH-	nourishment, one who feeds
TRUD- (TRUS-)	to push, to thrust
TUBER-	swelling
TUM-	to swell
TURB-	whirl
TUSS-	cough
-UL(E)	small
ULTRA-	beyond
UMBILICUS	of the navel
UMBR-	shade, shadow
UN(I)-	one
UNC(IN)-	hook
UNGU-	nail (of finger or toe)
-UR(A)	tail
UR(E)-	urine, urinary system
UTER-	womb
VACU-	empty
VAGIN-	sheath
VAL-	to be strong, well
VARI-	changing, spotted
VARIC-	twisted, swollen
VAS-	vessel
VEH- (VECT-)	to carry
VEL-	veil, covering
VELL- (VULS-)	to tear
VEN(T)-	vein, come
VENTR-	belly
-VERGE	turn, slant
VERM-	worm
VERT- (VERS-)	to turn
VERTEBRA	joint of spine
VESIC-	bladder, blister
VIG-	strong
VISCER-	entrails
VIT- (VIV-)	life, living
VITR-	glass
VOLV- (VOLUT-)	to roll, wander
-VOR-	to eat, devour
XANTH-	yellow
XEN-	host, stranger, foreigner
XER(O)-	dry
XYL-	wood
ZO(A)-	animal, living being
ZYG-	joined together
ZYM-	ferment, enzyme, yeast

Succeed in Science [Internet]. [Accessed July 31, 2012]. Available from: <http://www.succeedinscience.com/apbio/assignments/generalinfo/rootwords.pdf>

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