

## Root Words – Common Prefixes and Suffixes

- The following is a list of common Greek and Latin prefixes and suffixes used to make up many words in science. Many words you will come across in this class, as well as in newspapers and the news are made up of these words. If you understand what these root words mean, you will be able to understand these “big, complicated” words.
- At the end of each week, you will be quizzed over ten words. We will follow the list, so the first quiz will cover words 1-10, the second week will cover words 11-20, the third week words 21-30, etc.
- You will be responsible for knowing the root word and the meaning.

Week-1		Week-2		Week-3	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
A/An	Without	Ase	Enzyme	Chloro	Green
Ab	Away from	Auto	Self	Chromo	Color
Ad/af	Near, toward	Bi	Two, twice	Chondr	Cartilage
Alb	White	Bio	Life	Cide	Kill
Algia	Pain	Blast	Germinate	Coel	Cavity
Amphi	Both	Brachi	Arm	Co	With
Anti	Against	Card	Heart	Costa	Rib
Aqua	Water	Carn	Flesh	Cyst	Capsule
Archae	Ancient	Caryo	Nucleus of a cell	Cyto, Cyte	Cell
Arthr	Joint	Cephalo	Head	Decid	To cut off

Week-4		Week-5		Week-6	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
Dent, Dont	Tooth	Enter	Intestine	Herb	Non-woody
Derm	Skin	Epi	On, at, beside	Hepato	Liver
Dendr	Tree	Erythro	Red	Hetero	Other
Di	Two	Eu	True	Homo, homeo	Same
Dis, Dys	Bad	Ex	Out	Hyper	Above, excessive
Eco	Household	Fer	Bearer	Hypo	Below, not enough
Ecto	Outer	Gastro	Stomach	Ia, iasis	Disease
Ectomy	Removal	Gen	Producing	Ichthyo, Ichthys	Fish
Emia	Blood	Gymno	Naked	Inter	Between
Endo	Inner	Hemo	Blood	Intra	Within

Week-7		Week-8		Week-9	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
Iso	Same	Meso	Middle	Oma	Tumor, swelling
Itis	Inflammation of	Meta	Beyond, after	Omni	All
Kin	Motion	Micro	Small	Ophth	Eye
Lac	Milk	Mito	Thread	Orni	Bird
Leuco, leuko	White	Mono	One	Ortho	Straight
Logy	Study	Morpho	Shape, form	Osis	Act, condition
Lysis	Dissolving	Myo	Muscle	Osteo	Bone
Macro	Large	Nema	Thread	Oto	Ear
Mal	Bad	Nephr	Kidney	Ovi, oo	Egg
Mega	Very Large	Neuro	Nerve	Para	Beside

Week-10		Week-11		Week-12	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
Patho	Disease	Plast	Particle	Sal	Salt
Ped, pod	Foot	Poly	Many	Sclero	Hard
Peri	Around	Post	After, behind	Soma	Body
Phago	Eating	Proto	First	Stom	Mouth
Pheno	To show	Pseudo	False	Sym, syn	Binding together
Photo	Light	Pter	Wing	Therm	Heat
Phyll	Leaf	Pulmo	Lung	Trop	Turn
Phyto	Plant	Renal	Kidney	Troph	Nourishment
Pino	To drink	Rhea, rrhea	Flow, discharge	Viv	Living
Plasma	Form	Rhino	Nose	Vore	To devour

Week-13		Week-14		Week-15	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
Xeros	Dry	Chryso	Gold	Megisto	Largest
Zo	Animal	Ferr, Ferro	Iron	Aniso	Unequal
Zyg	United	Citrin, citro	Lemon	Platy	Flat
Melan, melano	Black	Cirrho	Orange	Cyclo	Round
Cyano	Blue	Irido	Rainbow	Gyro	Round
Grise	Gray	Hyalo	Glassy	Gracil	Slender
Pyrrho	Red-orange	Argo	Shining	Spirali	Spiral
Iodo, iono	Violet	Nano	Dwarf	Quadrat	Square
Xantho	Yellow	Colosso	Giant	Trigono	Triangle
Cupri	Copper	Baro	Bary, heavy	Undulat	Wavy

Week-16		Week-17		Week-18	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
Lito	Smooth	Terti	Third	Hepta	Seven
Echino	Spiny	Hemi	One-half	Octo	Eight
Super, supra	Above	Uni	One	Ennea	Nine
Retr, retro	Backward	Sesqui	One and one-half	Deca	Ten
Post, postero	Back	Duo	Two	Hendeca	Eleven
Infra	Below	Diplo	Double	Dodeca	Twelve
Tele	Far	Tri	Three	Centi	One hundred
Antero	Front	Tetra	Four	Kilo	One thousand
Contra	Opposite	Pento	Five	Milli	One thousandth
Deutero	Second	Hexa	Six	Haplo	Single

Week-19		Week-20		Week-21	
Root Word	Meaning	Root Word	Meaning	Root Word	Meaning
Holo	Whole	Sauro, saurus	Lizard	Dors, dorsi	Back
Avi, Avis	Bird	Homini	Man	Ventr, ventro	Belly
Ornis, ornitho	Bird	Myo, mys	Mouse	Encephalo	Brain
Feli, felis	Cat	Hyo, hys	Pig	Pteryla, pterylo	Feather
Bos, Bov	Cow	Herpeto	Reptile	Aden, adeno	Gland
Cani, Canis	Dog	Concho	Shellfish	Capill	Hair
Musca	Fly	Ophio, ophis	Snake	Mani, Manus	Hand
Rana, rani	Frog	Arachna	Spider	Capit	Head
Equi	Horse	Chelono, chelys	Turtle	Nephro	Kidney
Entomo	Insect	Veri, vermi	Worm	Pneuma	Lung

Week-22		Week-23	
Root Word	Meaning	Root Word	Meaning
Glotta	Tongue	Pomo	Fruit
Carpo	Wrist	Rhiza	Root
Histo	Tissue	Spora, sporo	Seed
Pterido	Fern	Arid	Dry
Myco	Fungus	Geo	Earth
Byro	Moss	Luci	Light
Thamno	Shrub	Philo	Love
Arbor	Tree	Nata	Swim
Acini	Berry		
Flora, flori	Flower		