

In science, terminology is very important. Sometimes you only need to know part of a word to determine its meaning. For example, bio- means “life” and -logy means “study of”; therefore, biology means the study of life. The following is a list of prefixes/suffixes and their meanings. You will need to know the meaning of each. You will have a prefix quiz every THURSDAY on five of these terms.

Name \_\_\_\_\_

Class \_\_\_\_\_

Quarter 1 2 3 4



**R**

Prefix/Suffix	Meaning	Word
Mono-	Single	Monocot
Poly-	Many	Polydactyl
Holo-	Entire	Holocaust
Hex-	Six	Hexagon
Octa-, octo-	Eight	Octopus

**V**

Vas-	Vessel	Vascular
Co-	Together	Cohesive
Hyper-	Excess	Hyperactive
Hypo-	Less, below	Hypotonic
Iso-	Equal	Isobar

**S**

Alb-	white	Albinism
Heter-	different	Heterotroph
Homo-	Same	Homozygous
Chrom-	Color	Chromosome
Semi-	Half	Semicircle

**W**

Centr-	Center	Centromere
Tox-	Poison	Intoxicate
Matr-, mater	Mother	Matrimony
Patr, pater-	Father	Paternal
Zo-	Animal	Zoology

**T**

Meta-	Middle	Metaphase
Pheno-	Appearance	Phenotype
Gen, geno-	Race, kind	Genotype
Photo-	Light	Photosynthesis
Phono-	Sound	Phonograph

**X**

-ectomy	Removal	Appendectomy
lact-	Milk	Lactose
oo-, ov-	Egg	Oocyte
cephal-	Head	Cephalothorax
andro-	Male, masculine	Androgenous

**U**

Post-	After	Postpone
Pre-	Before	Premier
Pro-	In favor of	Professional
Trans-	Across	Transpiration
Tele-	Far, distant	Telescope

**Y**

Prefix/Suffix	Meaning	Word
-cardi-	heart	Cardiac
erythro-	red	Erythrocyte
hem-	blood	Hemoglobin
leuc-, leuk-	white	Leukocyte
-sect	cut	Dissection

**Z** For the final prefix quiz of the quarter, the student will decode specific scientific terminology and demonstrate an understanding of their meanings. Testing terms will consist of prefixes and suffixes covered this quarter.