

Name(s):
 Period:
 Date:
 Instructor: Mr. Powner



Languages of Science

PURPOSE - Scientists have a real need to communicate clearly. We have agreed over the centuries to use three languages in which to share ideas: Mathematics, Greek, and Latin. Your goal is to play with arranging prefixes, roots, and suffixes to make words that have real meaning. Feel free to be creative. You may use parts of words not on the list, but keep it appropriate for school. Create at least 5 words using the table below. Explain the meaning of each word. Give an example of how each would be used.

GREEK PREFIXES, ROOTS, and SUFFIXES

Prefix	Meaning	Root	Meaning	Suffix	Meaning
a-, an-	without, not	anthro	man	-ology	the study of
ab-	apart, away from	bio	life	-age	act of, state of, result of
ad-	toward	clatter	call out	-al	relating to
amphi-	round, both sides	credo	belief	-ary	quality, place where
anti-	against	duct	to lead	-ian	relating to, type
auto-	self	equis	horse	-cian	possessing a specific skill
bi-	two	genus	kind, gender, race	-cy	action, function
ex-, extra-	out	lumen	shine, light	-cule	very small
hetero-	different, mixed	mole	mass, piece	-dom	quality, realm
homo-	same, alike	scope	examine, see	-er, -or	one who, that which
macro-	large, visible	troph	feed, food	-escent	in the process of
micro-	small, invisible	terra	ground, border, earth	-esis, -osis	action, process, condition
nomen-	name	mamm	breast	-tion	action, process, condition

Word 1:

Meaning:

How you would use it:

Word 2:

Meaning:

How you would use it:

Word 3:

Meaning:

How you would use it:

← More on the Back →

Word 4:

Meaning:

How you would use it:

Word 5:

Meaning:

How you would use it:

EXTRA CREDIT OPINIONNAIRE – Answer the questions below for a few bonus points.

1. How would you define truth?
2. How would you define scientific knowledge?
3. Describe how you experience learning a new idea?