

It's Greek To Me! Scientific Word Origins

Use the table of prefixes and suffixes to complete the assignments that follow. This work sheet would be a good addition to your notebook to keep throughout the year as a reference. Pages 1124 – 1125 in your textbook have even more prefixes and suffixes to help you with your science vocabulary.

Prefixes	Prefixes continued	Suffixes
a, an - without, lacking	extra - outside, beyond	blast - shoot, sprout
ad - towards	gastro - stomach	cycle - circle
amphi - two, both	gen - race, origin	emia - blood
ana - up, up against	geo - earth	graph - write, record
anti - opposite	hemo - blood	gram - draw, record
arthro - jointed	hetero - different	itis - inflammation
auto - self, same	homo, homeo - same	logy - study of
bi, bin - twice	hydro - water	lysis - loosen, split
bio - life	hyper - over, above	mer, mere - part
cardio - heart	hypo - under, below	osis - condition
chloro - green	inter - between	plasm - mold, form
chromo - color	intra - inside	pod - foot
co, con - with, together	iso - equal	rrhea - flowing
cranio - skull	macro - large	septic - infected
cyto - cell	mega - large	some - of the body
de - away, remove	micro - small	stasis - stand, stop
derm - layer, skin	neuro - nerve	stome - mouth
di - two twice	oo - egg	trophy - nutrition
dia - across, through	para - beside	tropy - turn towards
diplo - double, two	path, patho - disease	y - quality of
eco - houses, environment	photo - light	tome / tomy, to cut
ecto - outside, outer	phyll - leaf	
en - in into	poly - many	
endo - within	pseudo - false	
epi - among	sym, syn - together	
eu - good, true	therm - heat	
ex, exo - out, away from	tox - poison	
	zo - animal	

***Some of the above can be used both as a prefix and a suffix.

Please turn this paper over for your assignment.

Practice A: Literal Meaning

Fill in the prefixes and suffixes for the following science terms. Example: cardiogram = heart + record

1. antiseptic _____ + _____
2. oocyte _____ + _____
3. arthritis _____ + _____
4. microtome _____ + _____
5. chromosome _____ + _____
6. blastogenesis _____ + _____ + _____
7. arthropod _____ + _____
8. isomer _____ + _____
9. thermograph _____ + _____
10. ectoderm _____ + _____
11. toxemia _____ + _____
12. chlorophyll _____ + _____
13. neurology _____ + _____
14. biogeography _____ + _____ + _____
15. photochrome _____ + _____
16. Your Term – Use the chart to make a science term with at least 2 word parts, add a space if you need.
_____ = _____ + _____

Practice B: Actual Meaning

Match the following science terms with their definitions. Use Practice A to help you.

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|---|---|
| _____ 1. antiseptic | a) film that darkens when exposed to light |
| _____ 2. oocyte | b) a type of asexual reproduction |
| _____ 3. arthritis | c) a green pigment in plant cells |
| _____ 4. microtome | d) the prevention of infection |
| _____ 5. chromosome | e) animal with jointed appendages and exoskeleton |
| _____ 6. blastogenesis | f) a precision instrument for cutting thin sections of tissue for microscopic examination |
| _____ 7. arthropod | g) the study of the nervous system |
| _____ 8. isomer | h) an egg cell |
| _____ 9. thermograph | i) chemical compounds composed of the same elements |
| _____ 10. ectoderm | j) painful inflammation of skeletal joints |
| _____ 11. toxemia | k) a thermometer for recording variations in temperature |
| _____ 12. chlorophyll | l) a darkly stained structure found in the nucleus of a cell |
| _____ 13. neurology | m) poisonous substances in the blood |
| _____ 14. biogeography | n) outer layer of cells that forms the skin |
| _____ 15. photochrome | o) branch of biology that deals with the distribution of life forms around the world |
| _____ 16. Your term definition of the term you wrote above. | |