

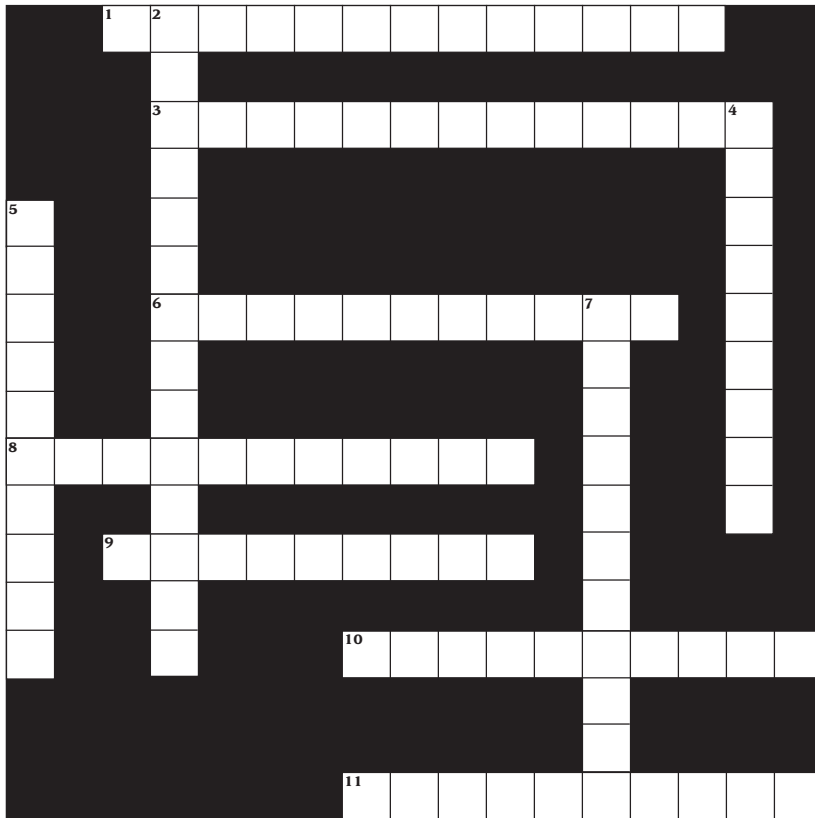
Name _____

Scientific Criss-Cross

Many scientific and medical terms are made up of prefixes, stems, and suffixes derived from a variety of language sources including Latin, Old English, and Greek. The varied combinations of these units creates many terms you may hear at your doctor's office or in your science classroom. Here are some examples:

Samples: Cytology = cyto (cell) + logy (study of) = the study of cells
 Biology = bio (life) + logy (study of) = the study of life
 Pseudopod = pseudo (false) + pod (foot) = a false foot (Remember the Amoeba!)

Instructions: Using the prefixes, stems, and suffixes at the bottom of the page, complete the crossword puzzle below. Some of the word parts may be used more than once and some may not be used at all. To help you with spelling, a list of possible answers is provided.



Across

1. Skin + one who studies = One who studies the skin
3. Excessive + sugar + within the blood = Elevated blood sugar
6. Nose + surgical re-shaping = Surgical re-shaping (plastic surgery) of the nose
8. Deficient + relating to heat + condition = Condition of having low body heat
9. Joint + inflammation = Inflammation of the joints
10. Small + instrument for observing = An instrument for examining small objects
11. Tendon + inflammation = Inflammation of the tendon



Down

2. Reflected sound waves + heart + a recording = A recording of reflected sound waves within the heart
4. Without + pain = The absence of the sense of pain.
5. Windpipe + inflammation = Inflammation of the windpipe
7. Across + merging = Merging of blood from one source across to another

PREFIX	Meaning
ab-	away from
an-	without
anti-	against
auto-	self
bio-	life
cyto-	cell
echo-	reflected sound waves
endo-	within
patho-	disease
hydro-	water
hypo-	below, under, deficient
hyper-	above, excessive
iso-	equal, same
macro-	large
micro-	small
mono-	one, single
orth(o)-	straight, normal, correct
poly-	many
pre-	before
pseud(o)-	false
sub-	below
trans-	across, over

STEM	Meaning
abdomino	abdomen
angio	vessel
arthr(o)	joint
bronchos	windpipe
cardio	heart
chloro	green
cyte	cell
dermat(o)	skin
fusio	merging
gastro	stomach
glyc	sweet, sugar
lingu(o)	tongue
nucle(o)	nucleus
odonto	pertaining to teeth
osteo	bone
pneumon	lung
pod(o)	foot
rhino	nose
spleno	spleen
tendo	tendon
therm(o)	relating to heat
thorac(o)	chest cavity

SUFFIX	Meaning
-algia(o)	pain
-centesis	surgical puncture
-emia	presence within the blood
-gram	record, documentation
-graphy	make a recording, image
-ia	a state or condition
-ic	characteristic of
-ism	condition, theory
-ist	specialist
-itis	inflammation
-lepsy	seizure
-logy	study of; science of
-metry	measuring
-logist	one who studies
-osis	abnormal increase
-otomy	incision into
-pathy	indicates disease
-plasia	formation
-plasty	surgical re-shaping
-scope	instrument for observing
-scopy	examine
-tomy	cutting or incision

Choices:

Analgesia
 Arthritis
 Bronchitis
 Dermatologist
 Echocardiogram
 Hyperglycemia
 Hypothermia
 Microscope
 Orthodontist
 Osteologist
 Rhinoplasty
 Sublingual
 Transfusion
 Tendonitis