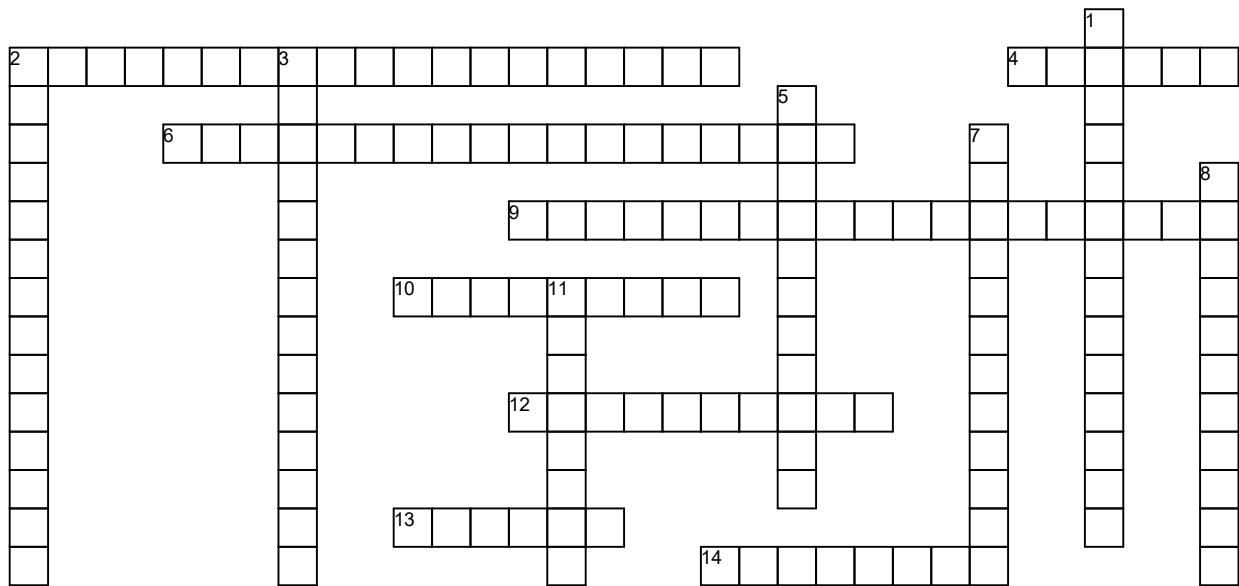


AP Biology Vocabulary Crossword Puzzle 6

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

2. The amount of photosynthesis in an ecosystem.
4. The vascular tissue in plants that transports food from leaves to the rest of the plant.
6. Enzymes that are used to "cut" DNA into pieces that often have "sticky" ends.
9. The two layers of phospholipids arranged in such a way that their hydrophobic tails are projecting inwards while their polar head groups are projecting on the outside surfaces.
10. A bond where the atoms are sharing electrons unequally creating small negative and positive charges on the atoms.
12. The members of a species within a specific area that has gene flow between its members.
13. The liquid noncellular component of blood.
14. The kingdom that has predominantly unicellular eukaryotic organisms including algae, protozoans, and slime molds.

DOWN

1. The outer selectively permeable membrane bilayer of all cells.
2. The chemical reaction that makes glucose and oxygen from water and carbon in the presence of sunlight.
3. The gland that controls the release of hormones from many other glands.
5. The duplication of the DNA during the middle "s phase" of interphase during the cell cycle.
7. A molecular component of a ribosome, the cell's essential protein factory.
8. Cells that have no nucleus or membrane bound organelles.
11. The part of the cell responsible for dehydration synthesis of proteins using the mRNA template.

pituitary gland
plasma
photosynthesis
primary productivity
phloem

ribosomal RNA
restriction enzymes
prokaryotic
polar bond
protista

population
replication
ribosome
phospholipid bilayer
plasma membrane