

# AP Biology Vocabulary Matching 13

Write the word that best matches each definition or clue.

1. \_\_\_\_\_ The outer selectively permeable membrane bilayer of all cells.
2. \_\_\_\_\_ 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.
3. \_\_\_\_\_ The chemical reaction that makes glucose and oxygen from water and carbon in the presence of sunlight.
4. \_\_\_\_\_ A molecular component of a ribosome, the cell's essential protein factory.
5. \_\_\_\_\_ The vascular tissue in plants that transports food from leaves to the rest of the plant.
6. \_\_\_\_\_ A bond where the atoms are sharing electrons unequally creating small negative and positive charges on the atoms.
7. \_\_\_\_\_ The kingdom that has predominantly unicellular eukaryotic organisms including algae, protozoans, and slime molds.
8. \_\_\_\_\_ The liquid noncellular component of blood.
9. \_\_\_\_\_ The part of the cell responsible for dehydration synthesis of proteins using the mRNA template.
10. \_\_\_\_\_ The amount of photosynthesis in an ecosystem.
11. \_\_\_\_\_ Enzymes that are used to "cut" DNA into pieces that often have "sticky" ends.
12. \_\_\_\_\_ The gland that controls the release of hormones from many other glands.
13. \_\_\_\_\_ The duplication of the DNA during the middle "s phase" of interphase during the cell cycle.
14. \_\_\_\_\_ Cells that have no nucleus or membrane bound organelles.
15. \_\_\_\_\_ The members of a species within a specific area that has gene flow between its members.

prokaryotic  
pituitary gland  
ribosomal RNA  
population  
ribosome

phloem  
primary productivity  
restriction enzymes  
protista  
replication

phospholipid bilayer  
plasma  
plasma membrane  
polar bond  
photosynthesis