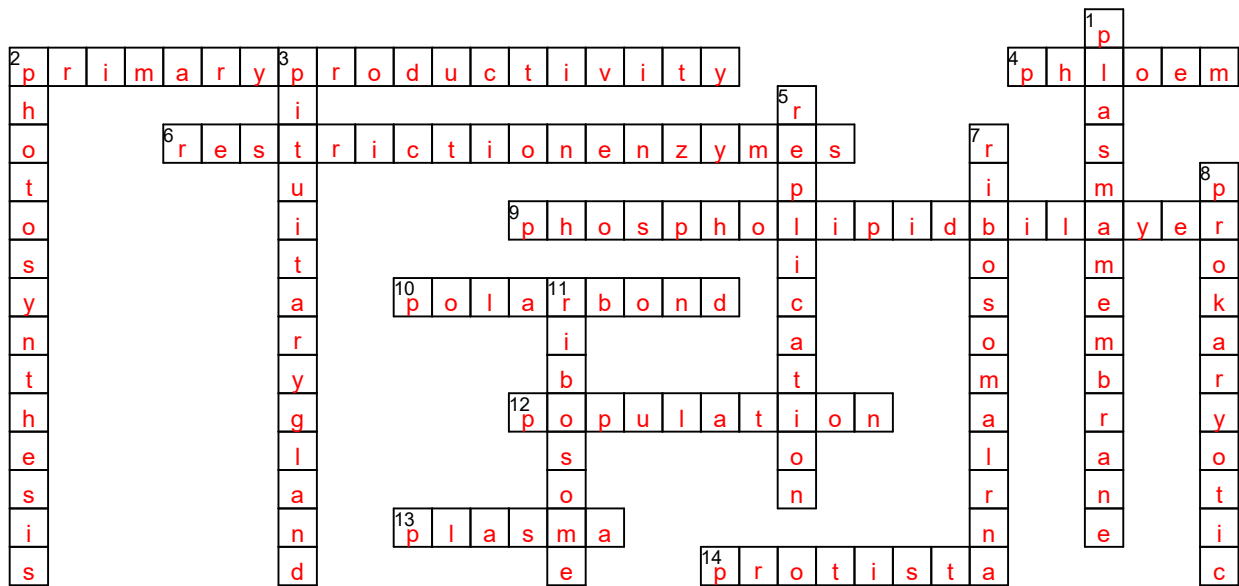


# AP Biology Vocabulary Crossword Puzzle 6

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



## ACROSS

## DOWN

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>2. The amount of photosynthesis in an ecosystem.</li> <li>4. The vascular tissue in plants that transports food from leaves to the rest of the plant.</li> <li>6. Enzymes that are used to "cut" DNA into pieces that often have "sticky" ends.</li> <li>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.</li> <li>10. A bond where the atoms are sharing electrons unequally creating small negative and positive charges on the atoms.</li> <li>12. The members of a species within a specific area that has gene flow between its members.</li> <li>13. The liquid noncellular component of blood.</li> <li>14. The kingdom that has predominantly unicellular eukaryotic organisms including algae, protozoans, and slime molds.</li> </ol> | <ol style="list-style-type: none"> <li>1. The outer selectively permeable membrane bilayer of all cells.</li> <li>2. The chemical reaction that makes glucose and oxygen from water and carbon in the presence of sunlight.</li> <li>3. The gland that controls the release of hormones from many other glands.</li> <li>5. The duplication of the DNA during the middle "s phase" of interphase during the cell cycle.</li> <li>7. A molecular component of a ribosome, the cell's essential protein factory.</li> <li>8. Cells that have no nucleus or membrane bound organelles.</li> <li>11. The part of the cell responsible for dehydration synthesis of proteins using the mRNA template.</li> </ol> |
|---|---|

pituitary gland  
 plasma  
 photosynthesis  
 primary productivity  
 phloem

ribosomal RNA  
 restriction enzymes  
 prokaryotic  
 polar bond  
 protista

population  
 replication  
 ribosome  
 phospholipid bilayer  
 plasma membrane