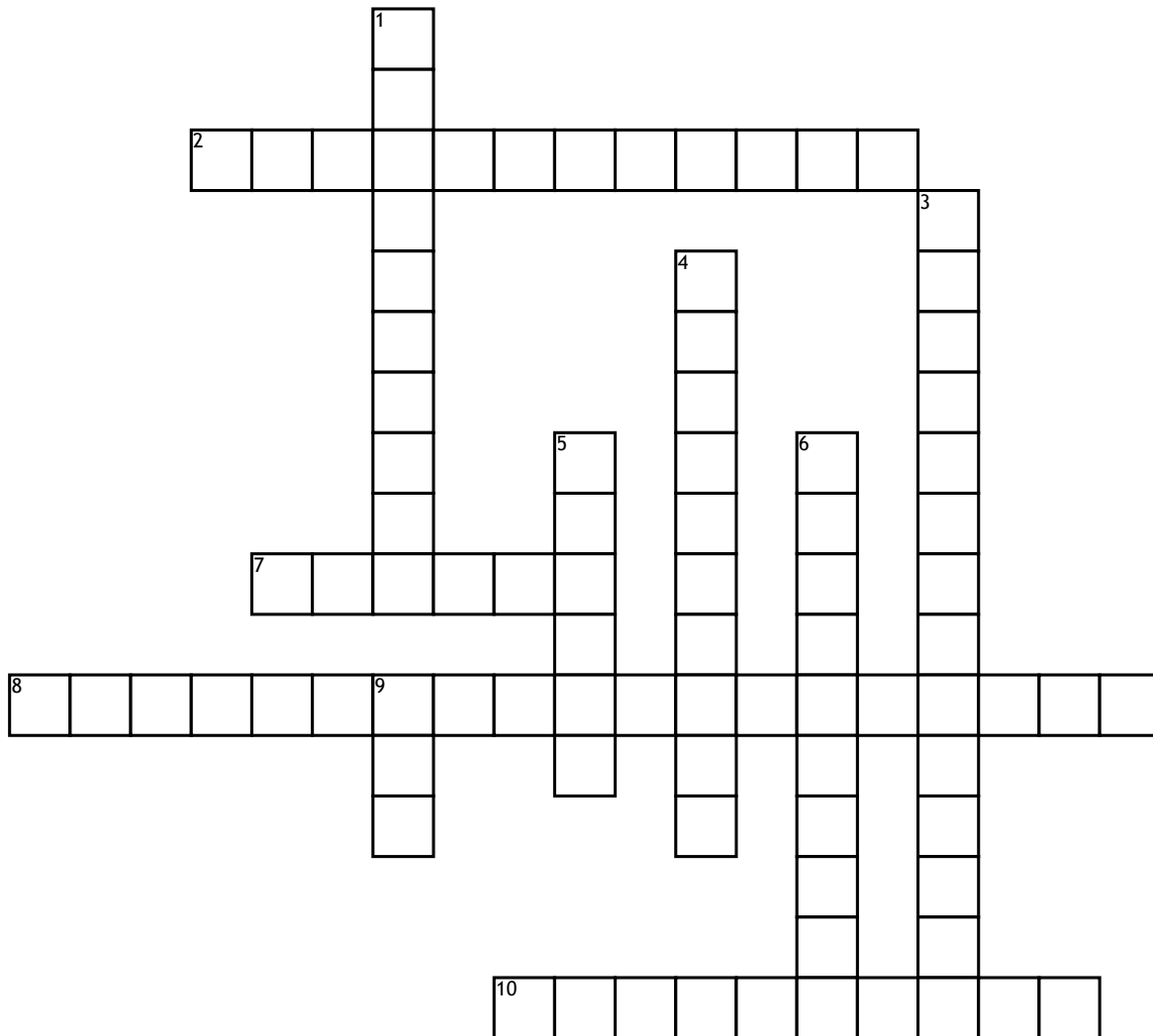


Name: _____ Date: _____ Period: _____

Photosynthesis and Cellular Respiration



Across

2. Organisms that their energy by eating other organisms are called _____.
7. During cellular respiration, sugar and oxygen combine to yield carbon dioxide, water, and most importantly _____.
8. What is the process of breaking down food that yields energy for organisms is called ?
10. The breakdown of glucose by enzymes, releasing energy and pyruvic acid is called what?

Down

1. The _____ takes place in the mitochondria, consuming oxygen, producing carbon dioxide and water as waste products, and converting ADP to energy-rich ATP.
3. What is the process that plants use to make food for themselves?
4. A _____ is an organism that makes it's own food.
5. During photosynthesis, plants use carbon dioxide, water, and solar energy to make carbohydrates and _____.
6. What chemical makes the leaves green?
9. _____ has three phosphate groups while ADP has two.