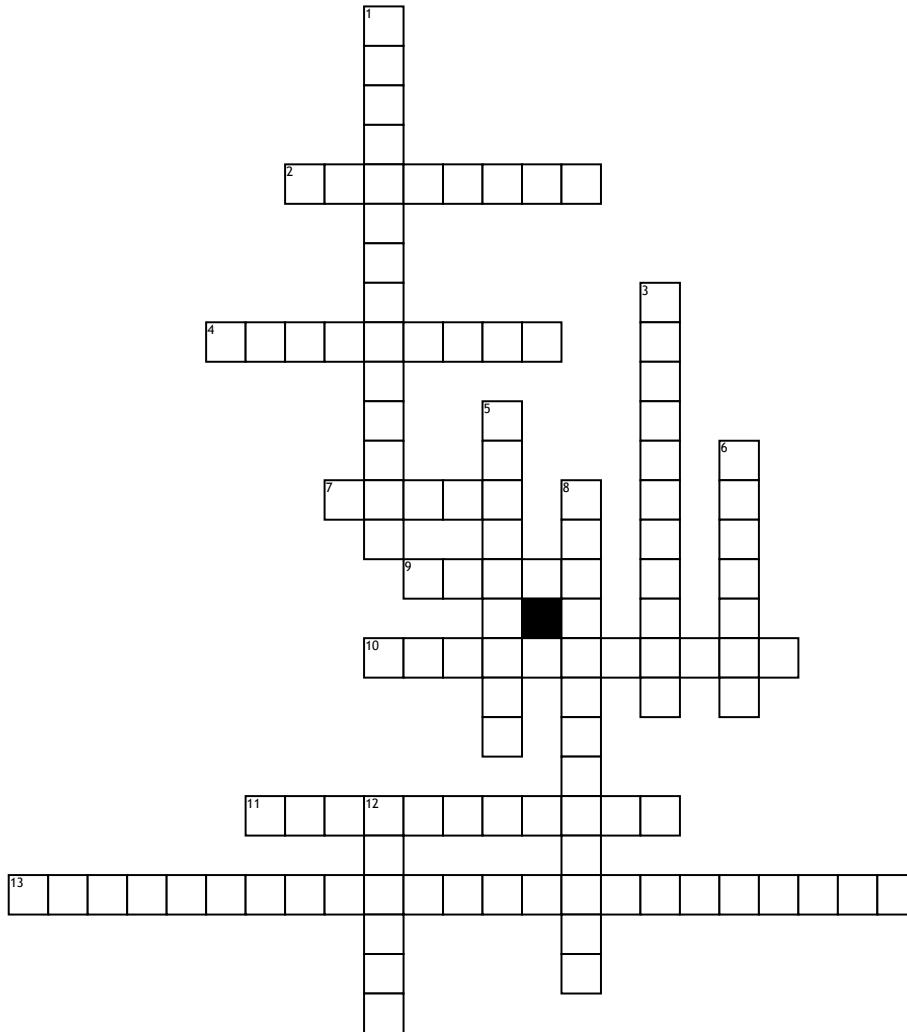


Name: _____

Date: _____

Period: _____

Photosynthesis Crossword Puzzle



Across

- 2. a thing or person that is the result of an action or process.
- 4. a substance that takes part in and undergoes change during a reaction.
- 7. electromagnetic radiation within a certain portion of the electromagnetic spectrum.
- 9. a transparent, tasteless, odorless, and nearly colorless chemical substance.

10. a plastid that contains chlorophyll and in which photosynthesis takes place.

11. an organism deriving its nutritional requirements from complex organic substances.

13. mass cannot be created or destroyed but can be rearranged.

Down

1. the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water.

3. a green pigment, present in all green plants and in cyanobacteria.

5. an organism that is able to form nutritional organic substances from simple inorganic substances such as carbon dioxide.

6. a simple sugar with the molecular formula $C_6H_{12}O_6$.

8. a colorless, odorless gas produced by burning carbon and organic compounds and by respiration.

12. power derived from the utilization of physical or chemical resources.

Word Bank

Reactants
Light
CarbonDioxide
Heterotroph
Products

Energy
Photosynthesis
Autotroph
Glucose

LawofConservationofMass
Chlorophyll
Chloroplast
Water