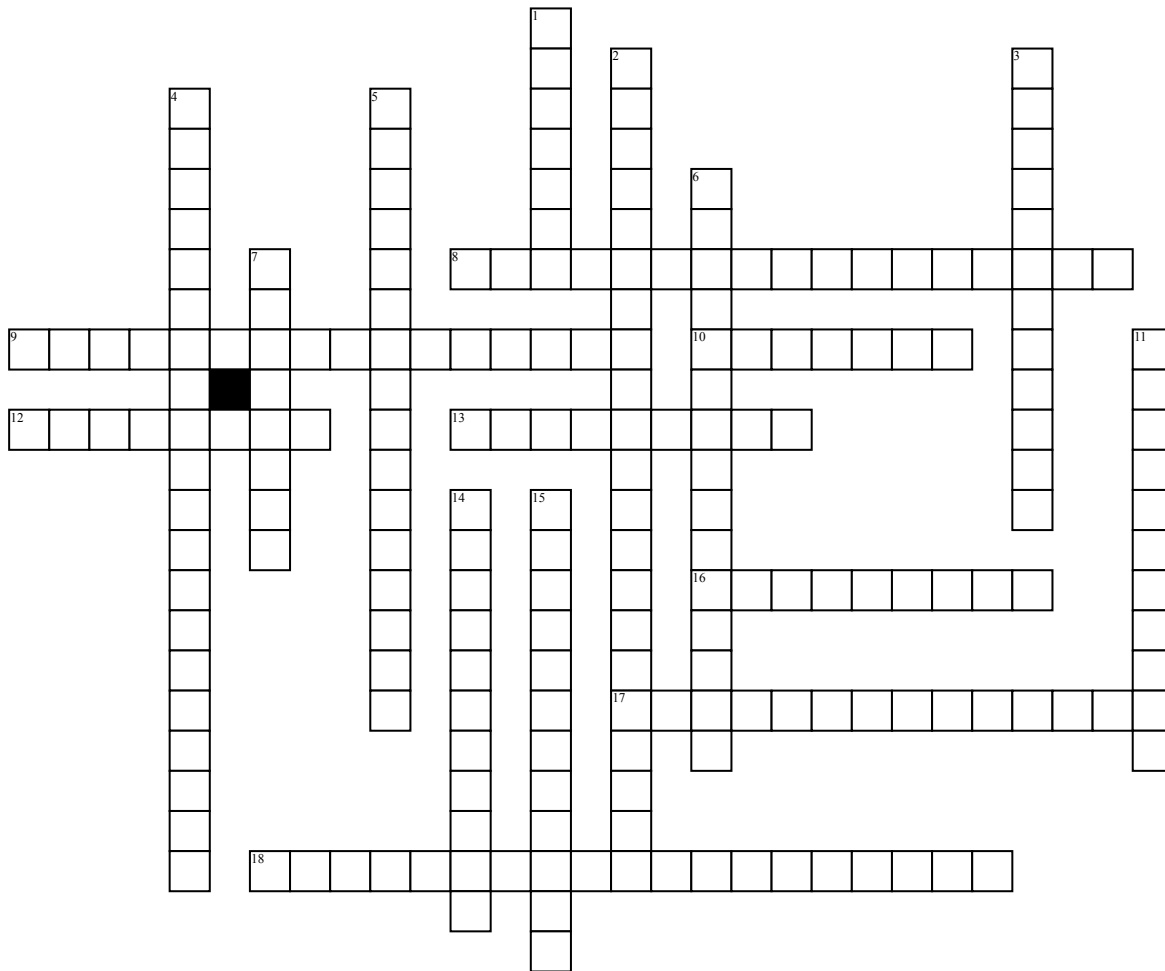


Photosynthesis



Across

- 8.** absorbs the colors of light that chlorophyll cannot
9. process that changes or transforms one set of chemicals into another set of chemicals
10. elements or compounds produced by a chemical reaction
12. light absorbing molecule used by plants to gather the sun's energy
13. makes their own food
16. process that does not require oxygen
17. process in which plants use sunlight to get energy

- 18.** process that releases energy by breaking down glucose and other molecules in the presence of oxygen

Down

- 1.** process that requires oxygen
2. compound used by cells to store and release energy
3. process by which cells release energy in the absence of oxygen
4. compound with two phosphate groups instead of three
5. process in plants by which they take up oxygen in the light and give out carbon dioxide

- 6.** the addition of a phosphate group to another molecule
7. elements or compounds that enter into a chemical reaction
11. organelle found in cells of plants that captures the energy from sunlight and converts it into chemical energy
14. principal pigment of plants and other photosynthetic organisms
15. organelle in a plant cell that stores energy