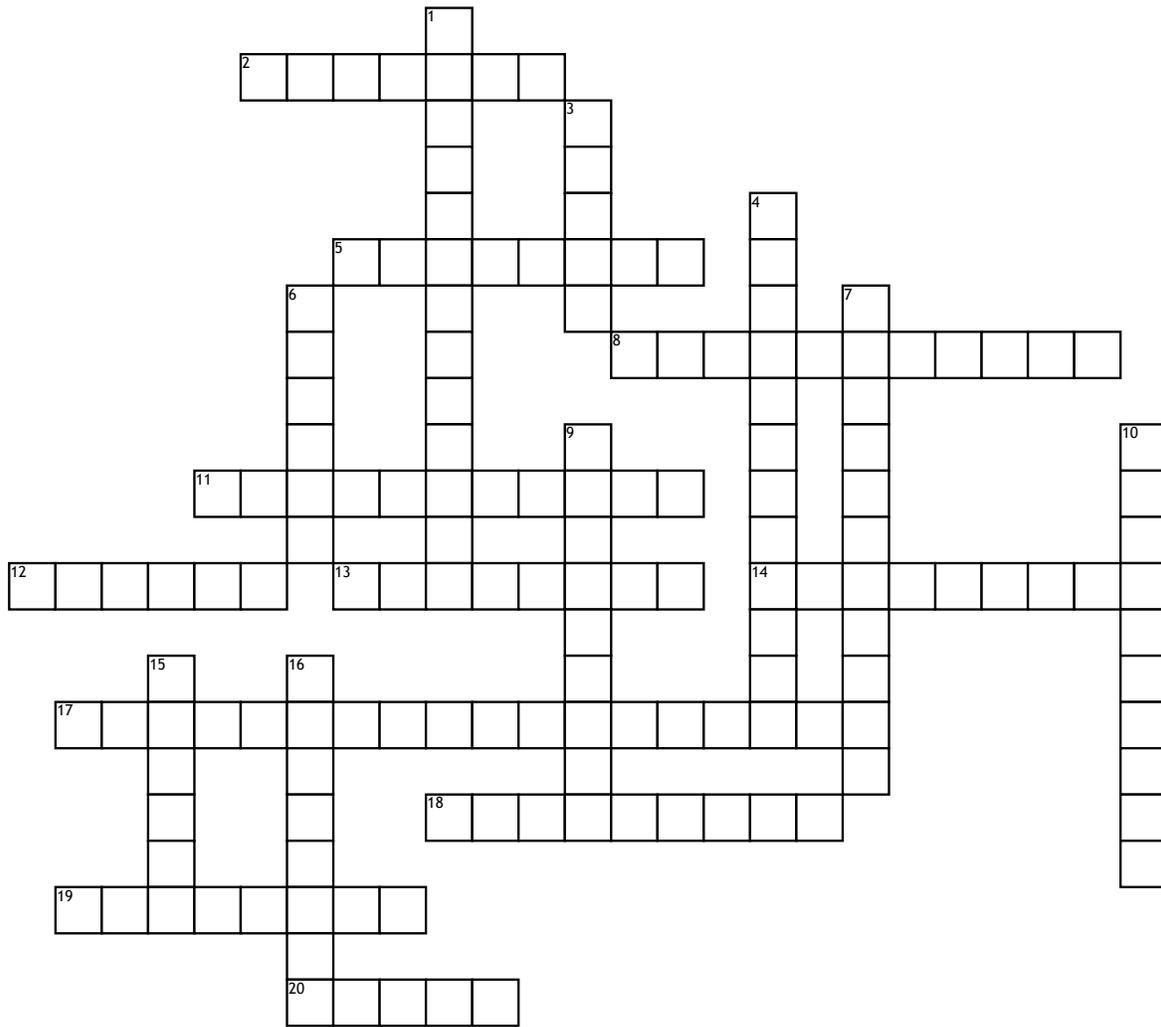


Photosynthesis and Cellular Respiration



Across

- 2. Part of the plant that “breathes”
- 5. Energy that powers photosynthesis
- 8. A reaction that requires energy
- 11. Indicates the number of molecules of a substance
- 12. Breathed in by humans, breathed out by plants
- 13. A change where something is used up and something else is created

14. Photosynthesis and cellular respiration are _____ on one another

- 17. Atoms in the reactant are equal to atoms in the product
- 18. Indicates the number of atoms of each element in a molecule
- 19. A change where the chemical formula stays the same
- 20. In photosynthesis, carbon dioxide and water combine to form

Down

- 1. Breathed out by humans, breathed in by plants

- 3. Part of the human body that breathes
- 4. Part of a cell where cellular respiration happens
- 6. A biproduct of photosynthesis is
- 7. Part of a cell where photosynthesis happens
- 9. The things that are used up in a chemical reaction
- 10. A reaction that releases energy
- 15. In cellular respiration, sugar bonds are broken to release
- 16. The things that are created in a chemical reaction