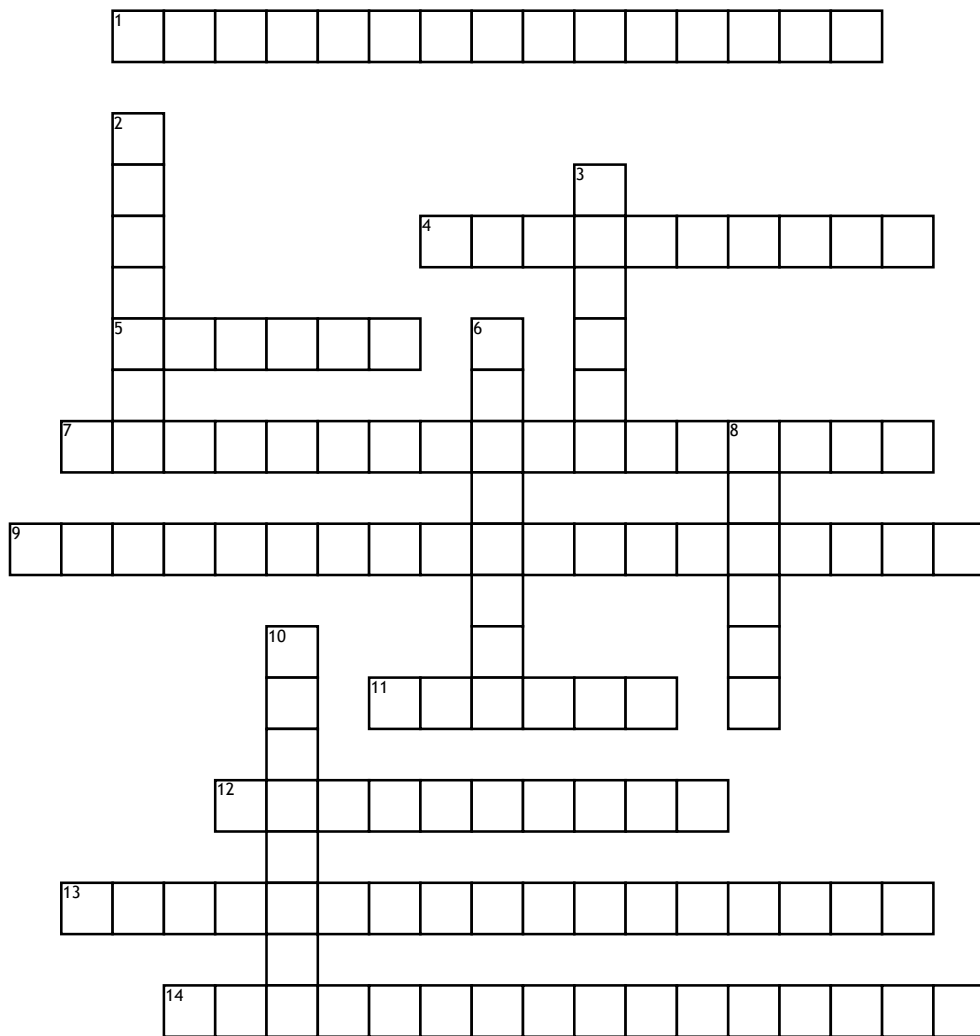


# Metabolism Vocabulary



**Across**

- 1. the body system that takes in food and breaks it down
- 4. molecules that are the building blocks of proteins
- 5. a molecule that organisms get from the air or water around them and use to release energy
- 7. the body system that takes in oxygen and releases carbon dioxide
- 9. the chemical reaction between oxygen and glucose that releases energy into cells

- 11. a set of interacting parts forming a complex whole
- 12. the body's use of molecules for energy and growth
- 13. the body system that transports molecules to and from all cells of the body

- 14. a process in which atoms rearrange to form new substances

**Down**

- 2. a molecule that organisms can use to release energy, and that is made of carbon, hydrogen, and oxygen atoms

- 3. the ability to make things move or change

- 6. a category of large molecules that perform important functions inside living things

- 8. a type of energy storage molecule made of many glucose molecules connected together

- 10. a group of atoms joined together in a particular way

**Word Bank**

- |                             |                   |                  |                 |
|-----------------------------|-------------------|------------------|-----------------|
| circulatory system          | chemical reaction | digestive system | amino acids     |
| cellular respiration system | glucose           | starch           | energy molecule |
| respiratory system          | proteins          | oxygen           |                 |
|                             | metabolism        |                  |                 |