

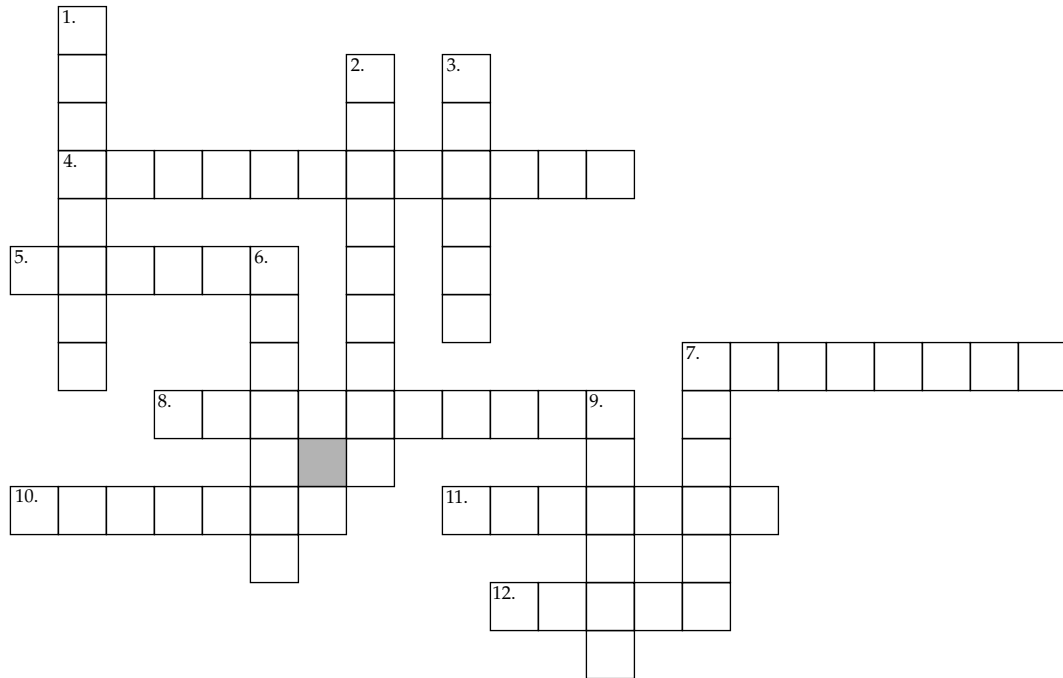
Chapter 14

Use with Section 1

REINFORCEMENT

● Structure of Matter

Use the clues to complete the puzzle.

**Across**

4. The law of _____ of matter states that matter can neither be created nor destroyed.
5. Positively charged particle in the nucleus of an atom
7. Scientist who discovered neutrons
8. Scientist who discovered protons
10. Scientist who discovered electrons
11. The central part of an atom that contains the protons and neutrons
12. Most matter is made up of these small particles.

Down

1. Negatively charged particle in an atom
2. Scientist who showed that wood and oxygen combine during burning
3. Anything that has mass and takes up space
6. Uncharged particle in the nucleus of an atom
7. Electrons move in what is called an atom's electron _____ .
9. Scientist who developed a model called the atomic theory of matter