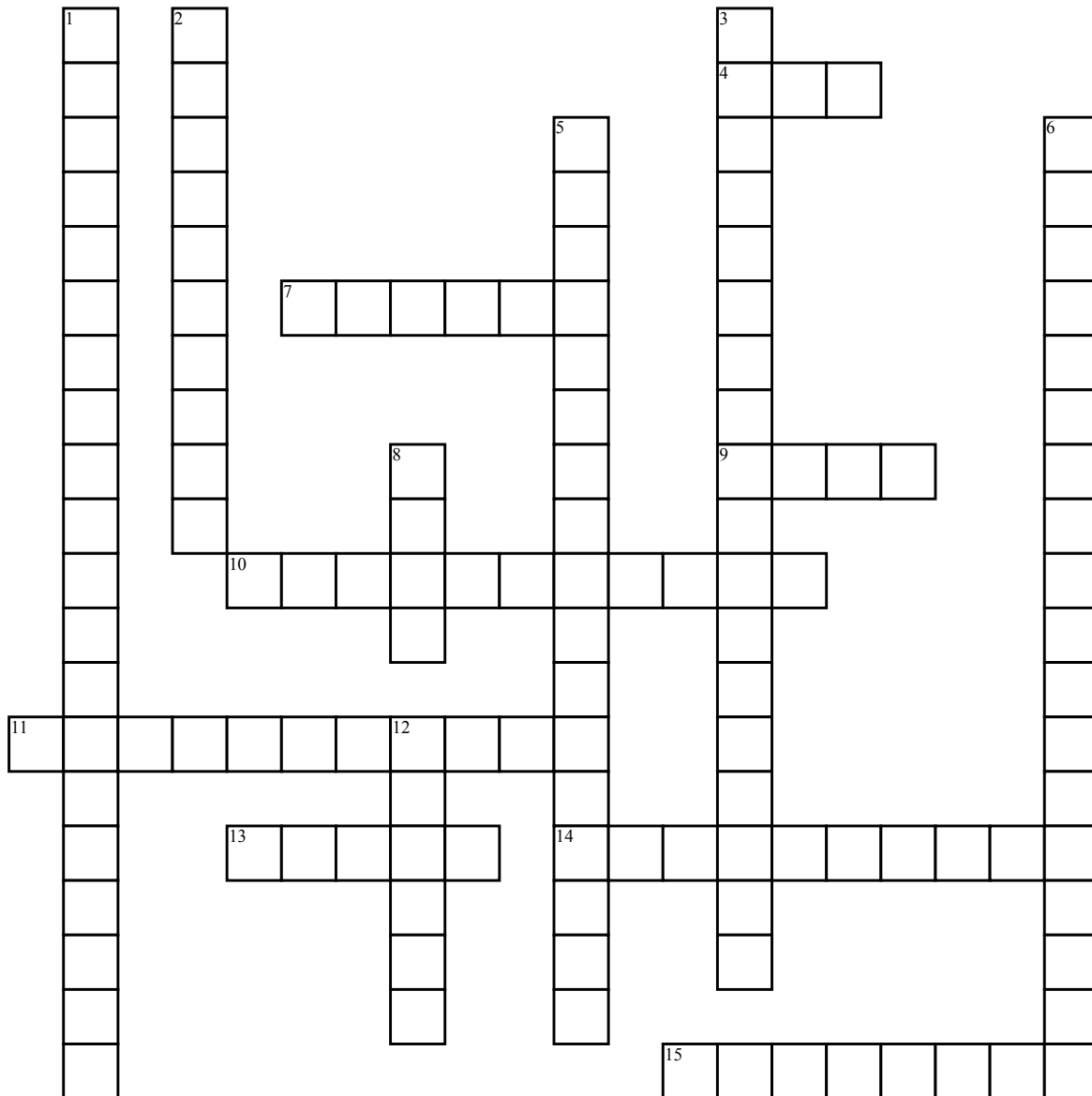


Chapter 1: The World of Life Science



Across

- 4.** summary of many experimental results and observations; tells how things work
7. measure of the size of a body or region in three-dimensional space
9. measure of the amount of matter in an object
10. study of living things
11. measure of how hot or cold something is
13. pattern, plan, representation, or description designed to show the structure or workings of an object, system, or concept

14. explanation that is based on prior scientific research or observations

15. factor that changes in an experiment in order to test a hypothesis

Down

- 1.** experiment that tests only one factor at a time using a comparison of a control group with an experimental group
2. use of tools, machines, material, and processes to meet human needs
3. instrument that focuses a beam of electrons to magnify objects

5. series of steps used to solve problems

6. instrument that magnifies small objects so that they can be seen easily by using two or more lenses

8. measure of the size of a surface or a region

12. explanation that ties together many hypotheses and observations