

**Introduction to Life Science** ▪ *Guided Reading and Study*

# Understanding Technology

*This section explains what technology is, how it differs from science, and how it affects people.*

## Use Target Reading Skills

*When you preview, you look ahead at the material to be read. Preview Figure 12 in your book. Then write two questions you have about the diagram in the spaces below. As you read, answer your questions.*

### Technological System

Q. What are the components of a technological system?
A.
Q.
A.

## What Is Technology?

1. What is technology?

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2. Circle the letter of each example of technology.

- a. computer
- b. spoon
- c. tree
- d. wheel

3. Is the following sentence true or false? The process used to produce an artificial leg is an example of technology. \_\_\_\_\_

4. What is the goal of technology?

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**Understanding Technology** *(continued)*

**Comparing Technology and Science**

5. How are the purposes of science and technology different?

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6. A person who is trained to use both technological and scientific knowledge to solve practical problems is called a(n) \_\_\_\_\_.

7. Is the following sentence true or false? Advances in technology never depend on advances in science. \_\_\_\_\_

**Impact on Society**

8. Is technology always helpful to people? \_\_\_\_\_

9. What does the word *society* mean?

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10. In the table below, list some of the good effects and bad effects of pesticides.

Good Effects of Pesticides	Bad Effects of Pesticides