

Chemical Reactions ▪ *Reading/Notetaking Guide***Fire and Fire Safety** (pp. 242–245)

This section describes the three things necessary to maintain a fire. It also explains the causes of fire and how to prevent fires in the home.

Use Target Reading Skills

Fill in the graphic organizer as you read. Under “Notes,” write key ideas, using phrases and abbreviations. Include a few important details. Under “Recall Clues and Questions,” write study questions that your notes help you answer.

Fire and Fire Safety	
Recall Clues and Questions	Notes

Chemical Reactions ▪ *Reading/Notetaking Guide*

Fire and Fire Safety *(continued)*

Understanding Fire (pp. 243–244)

1. What is combustion?

2. A material that releases energy when it burns is called a(n) _____.

3. What are the three things necessary to start and maintain a fire?

4. Circle the letter of the source of oxygen for a fire.

a. air

b. fuel

c. reactants

d. products

5. Is the following sentence true or false? An electric spark can provide the activation energy needed to start a combustion reaction.

6. How does water remove two parts of the fire triangle?

Home Fire Safety (pp. 244–245)

7. What are the three most common sources of home fires?

8. Covering a small fire on the stove with _____ may put the fire out.

9. Circle the letter of each of the following that is a safety aid in a fire-safe home.

a. smoke detectors

b. gasoline can in the basement

c. fire extinguisher

d. box of baking soda in the kitchen