

**Chemical Reactions** ▪ *Guided Reading and Study***Fire and Fire Safety**

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

**Use Target Reading Skills**

*Before you read, write what you know about fire safety in the graphic organizer below. As you read, continue to write in what you learn.*

What You Know
1.
2.
3.

  

What You Learned
1.
2.
3.

**Understanding Fire**

1. What is combustion?

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

\_\_\_\_\_.

## Chemical Reactions ▪ Guided Reading and Study

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

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

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|--------------|-------------|
| 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.

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

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## Home Fire Safety

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

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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.

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|----------------------|--------------------------------------|
| a. smoke detectors   | b. gasoline can in the basement      |
| c. fire extinguisher | d. box of baking soda in the kitchen |