

# Evaporation: Liquid Becomes Gas

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## Understanding How Water Changes State

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the questions below based on what you learned about evaporation.

1. What is evaporation?

- A. When water freezes
- B. When liquid water turns into gas
- C. When water boils

2. How does heat affect water molecules during evaporation?

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3. The process of liquid water becoming invisible gas is called \_\_\_\_.

4. Match the condition to how it affects evaporation speed.

Hot sun

Faster evaporation

Cold temperature

Slower evaporation

5. What did God's Spirit do over the waters according to Genesis 1:2?

- A. Made the waters disappear
- B. Hovered over the waters
- C. Turned the waters into land

6. Water disappears fastest when it is in the \_\_\_\_ heat.

7. Where have you seen water disappear? Give an example.

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8. Heat causes water to turn into gas through evaporation.

- True       False

9. What happens to water when it gets hot enough?

- A. It freezes
- B. It turns into gas
- C. It stays liquid

10. Why is evaporation important in the water cycle?

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### Answer Key

1. When liquid water turns into gas   2. Heat makes water molecules move faster, causing them to escape into the air as gas.   3. evaporation   4. Faster evaporation   5. Hovered over the waters   6. most   7. I have seen water disappear when it was left outside on a sunny day.   8. True   9. It turns into gas   10. Evaporation helps move water from the ground to the air, which is important for rain and weather.

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