

Understanding States of Matter

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Review Your Knowledge on Physical Changes

Name: _____

Date: _____

Answer the following questions based on the lesson about states of matter and water's state changes.

1. What are the three states of water?

- A. Solid, Liquid, Gas
- B. Solid, Plasma, Liquid
- C. Liquid, Gas, Ice

2. How does temperature affect the state of water?

3. Physical changes create new substances.

- True False

4. When ice gets warm, it turns into ____ and then can become steam when heated further.

5. What did God's Spirit do in Genesis 1:2?

- A. Hovered over the waters
- B. Created the land
- C. Brought light

6. Why is it important to observe state changes in water?

7. Water can only exist in one state at a time.

- True False

8. The three states of matter are solid, liquid, and ____.

9. What happens to ice when it is heated?

- A. It melts into water
- B. It turns into vapor
- C. It stays the same

10. Explain how God's creative power is like the changes in states of water.

Answer Key

1. Solid, Liquid, Gas 2. Temperature causes water to change from solid to liquid or gas. Warmer temperatures can melt ice into water, while even higher temperatures turn water into steam. 3. False 4. water 5. Hovered over the waters 6. Observing state changes helps us understand how temperature affects matter and teaches us about different physical properties of substances. 7. False 8. gas 9. It melts into water 10. Just as water transforms between solid, liquid, and gas, God's creative power transforms and moves in ways we might not always see or understand.