

States of Matter Review

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Understanding Solids, Liquids, and Gases

Name: _____

Date: _____

Answer the following questions based on today's lesson about the three states of matter.

1. What are the three states of matter?

- A. Solid, Liquid, Gas
- B. Air, Water, Ice
- C. Rock, Water, Steam

2. Solids have a fixed shape and ____ but liquids take the shape of their container.

3. How do gases behave compared to solids and liquids?

4. Match the state of matter to its property.

Solid

Takes shape of container

Liquid

Fixed shape and volume

Gas

Spreads out to fill space

5. What happens to water when it is heated?

- A. It freezes
- B. It becomes ice
- C. It turns to gas

6. God created matter with distinct ____ that show His design.

7. Can you give an example of a solid and explain why it is a solid?

8. What does a liquid do?

- A. Keeps a fixed shape
- B. Takes the shape of its container
- C. Does not have volume

9. Matter can change states when there are changes in ____.

10. Why do you think it's important to learn about the states of matter?

Answer Key

1. Solid, Liquid, Gas 2. volume 3. Gases spread out and fill all available space. 4. Fixed shape and volume 5. It turns to gas 6. properties 7. A rock is a solid because it has a fixed shape and does not change. 8. Takes the shape of its container 9. temperature 10. It's important because it helps us understand the world around us and God's creation.

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