

Physical Science Review

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Exploring Matter, Chemical Changes, and Forces

Name: _____

Date: _____

Answer the following questions based on what you've learned about physical science this year.

1. What are the three states of matter?

- A. Solid, liquid, gas
- B. Solid, liquid, plasma
- C. Gas, plasma, vapor

2. What surprised you most about physical science this year?

3. Chemical changes result in new substances being formed.

- True False

4. Forces like gravity and friction affect an object's ____ and ____ in motion.

5. What is one example of a chemical change?

- A. Melting ice
- B. Rusting iron
- C. Boiling water

6. How do scientific laws show God's consistent nature?

7. Matter can exist in only two states: solid and liquid.

- True False

8. In physical science, ____ is the study of matter and its changes.

9. Which force pulls objects toward each other?

- A. Friction
- B. Gravity
- C. Magnetism

10. What makes a chemical change different from a physical change?

Answer Key

1. Solid, liquid, gas 2. I was surprised by how many different states of matter there are and how they change. 3. True 4. movement, speed 5. Rusting iron 6. Scientific laws are predictable and reliable, reflecting God's unchanging character in how He created the universe. 7. False 8. chemistry 9. Gravity 10. A chemical change results in new substances, while a physical change only alters the form of a substance without changing its identity.