

Mystery Material Investigation Review

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Understanding Properties of Matter

Name: _____

Date: _____

Answer the following questions based on the lesson content.

1. What is one property you might measure to identify a material?

- A. Color
- B. Taste
- C. Sound

2. Scientists use multiple measurements to get more ____ information about a material.

3. Why is careful observation important in scientific investigations?

4. Measuring properties of materials can help solve scientific mysteries.

- True False

5. Which of these is NOT a measurement property?

- A. Mass
- B. Volume
- C. Color

6. Proverbs 2:6 teaches us that wisdom, knowledge, and understanding come from ____.

7. How might scientists use measurement techniques in real-world research?

8. Patience is not important when conducting a scientific investigation.

- True False

9. What is one goal of the Mystery Material Investigation activity?

- A. To find the most colorful material
- B. To identify unknown materials through measurements
- C. To guess what the materials are

10. The lesson connects scientific investigation to the gifts of God: wisdom, observation, and ____.

Answer Key

1. Color 2. accurate 3. Careful observation helps scientists notice details that may be crucial for identifying materials. It ensures that measurements are precise and reliable. 4. True 5. Color 6. Yahweh 7. Scientists can use measurement techniques to identify unknown substances in environmental studies, quality control in manufacturing, or even in medicine to determine the properties of new drugs. 8. False 9. To identify unknown materials through measurements 10. understanding