

Reflection: Bouncing Light Review

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Understanding Light and Reflection

Name: _____

Date: _____

Answer the following questions based on what you learned about light and reflection.

1. What happens when light hits a mirror?

- A. It disappears
- B. It reflects
- C. It changes color

2. The angle of incoming light equals the angle of ____ light.

3. Why are mirrors good for seeing reflection?

4. Match the surface to its reflection quality.

Smooth Surface

Reflects light well

Rough Surface

Does not reflect light well

5. What do we observe when light reflects off a surface?

- A. Sound
- B. Color
- C. Direction change

6. Reflection is like a ball bouncing off a ____.

7. What did Proverbs 23:26 teach us about observing God's ways?

8. Which object is best for observing the reflection of light?

- A. Paper
- B. Mirror
- C. Wood

9. When light hits a smooth surface, it changes ____ in a predictable way.

10. What makes a mirror different from other surfaces?

Answer Key

1. It reflects 2. reflected 3. Because they have a smooth surface that reflects light predictably. 4. Reflects light well 5. Direction change 6. wall 7. It teaches us to give our hearts to God and pay attention to His teachings. 8. Mirror 9. direction 10. A mirror has a smooth surface that reflects light perfectly, while other surfaces may not.