

# Understanding Light: Transparent, Translucent, and Opaque

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Review the properties of light and materials

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what you learned about how light interacts with different materials.

1. What type of material allows all light to pass through?

- A. Translucent
- B. Opaque
- C. Transparent

2. What do we call materials that block all light?

- A. Transparent
- B. Translucent
- C. Opaque

3. Wax paper is an example of a \_\_\_\_ material.

4. What surprised you about how light passes through different materials?

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5. Match the material to its light-passing property.

Clear glass

Translucent

Cardboard

Opaque

6. God's light helps us understand the \_\_\_\_ of His glory.

7. Can you give an example of a transparent material?

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8. What scripture reminds us that light shines in our hearts?

- A. John 3:16
- B. 2 Corinthians 4:6
- C. Genesis 1:3

9. How do translucent materials differ from transparent materials?

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10. An example of an opaque material is \_\_\_\_.

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## Answer Key

1. Transparent 2. Opaque 3. translucent 4. I was surprised that some materials let some light through but not all. 5. 0,1 6. truth 7. An example of a transparent material is clear glass. 8. 2 Corinthians 4:6 9. Translucent materials let some light through, while transparent materials let all light through. 10. cardboard