

Grade 4 Science Worksheet: Sources and Properties of Light_3
(DifficultyLevel: Advance)

Name: _____

Date: _____

Section 1: Fill in the Blanks

1. Light travels in _____ lines, which are called rays.
 2. A _____ material allows some light to pass through but scatters it.
 3. The bending of light through water is an example of _____.
 4. White light is a combination of _____ colors.
 5. A flashlight demonstrates how light travels in a _____ path.
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Section 2: Short Answer Questions

1. How does light help plants grow?

2. What happens to light when it hits a dark-colored surface?

3. Give an example of a natural light source and an artificial light source.

4. Explain why light cannot pass through opaque objects.

5. How does the reflection of light help us see objects?

Section 3: Multiple-Choice Questions (MCQs)

1. **When light is absorbed by an object, it:**
 - a) Bounces back
 - b) Passes through
 - c) Turns into heat

- d) Reflects
2. **Which material allows light to pass through completely?**
- a) Glass
 - b) Wood
 - c) Cardboard
 - d) Metal
3. **The primary source of light for the Earth is:**
- a) Fireflies
 - b) Sun
 - c) Electric bulb
 - d) Candles
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-BE THE CHAMPION-