

Grade 4 Science Worksheet: Sources and Properties of Light_2
(DifficultyLevel: Advance)

Name: _____

Date: _____

Section 1: Fill in the Blanks

1. Light travels at a speed of _____ kilometers per second in space.
 2. A _____ surface absorbs more light than a shiny surface.
 3. The bending of light when it passes through glass is called _____.
 4. The Moon does not produce light; it is a _____ object.
 5. A _____ is a material that allows light to pass through clearly.
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Section 2: Short Answer Questions

1. Why do we see a pencil appearing bent when placed in a glass of water?

2. What is the difference between reflection and refraction?

3. Name three artificial sources of light.

4. What does it mean when we say “light travels in a straight line”?

5. Why is white light considered a mixture of seven colors?

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Section 3: Multiple-Choice Questions (MCQs)

1. **Which color of light bends the least when passed through a prism?**
a) Violet

- b) Red
- c) Green
- d) Blue

2. **What property of light allows you to see yourself in a mirror?**

- a) Absorption
- b) Reflection
- c) Refraction
- d) Dispersion

3. **Which of the following is an artificial light source?**

- a) Firefly
- b) LED bulb
- c) Star
- d) Sun

-BE THE CHAMPION-