

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

Name: _____

Date: _____

Section 1: Fill in the Blanks

1. The Sun and stars are examples of _____ light sources, while bulbs and candles are examples of _____ sources.
 2. A firefly is a _____ source of light found in nature.
 3. Plants use light for _____, which helps them grow.
 4. Light is a form of _____ that helps us see.
 5. The _____ is the fastest thing in the universe.
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Section 2: Multiple Choice Questions (MCQs)

1. **Which of the following is NOT a natural source of light?**
 - a) Sun
 - b) Stars
 - c) Bulb
 - d) Fire
2. **Which of these produces its own light?**
 - a) Moon
 - b) Candle
 - c) Shadow
 - d) Table
3. **What does a plant need light for?**
 - a) Eating
 - b) Photosynthesis
 - c) Reflection
 - d) Breathing
4. **Which of these is an artificial light source?**
 - a) Firefly
 - b) Star
 - c) LED bulb
 - d) Lightning
5. **Light is important because it...**
 - a) Helps us see
 - b) Gives energy to plants

- c) Produces heat
 - d) All of the above
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Section 3: Short Answer Questions

1. Define natural and artificial sources of light with examples.

2. How do bioluminescent organisms produce light?

3. Why are LEDs considered energy-efficient?

4. Why can't we see without light?

5. How does light help plants?
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Bonus Fun Activity:

Try This!

Place a plant in sunlight for a week and another in a dark room. Observe the difference in their growth. Write down your observations.

-BE THE CHAMPION-