

Light: The Fastest Wave Review

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Understanding Light Waves

Name: _____

Date: _____

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

1. What is the speed of light?

- A. 186,282 miles per hour
- B. 186,282 miles per second
- C. 1,000 miles per second

2. Light moves in curved lines.

- True False

3. How is light different from sound waves?

4. Light is a form of ____ energy.

5. Why do you think God created light first?

- A. To help plants grow
- B. To separate day from night
- C. To show His power and creativity

6. What makes light special?

7. God said, 'Let there be light,' and there was light.

- True False

8. Light travels in ____ lines.

9. How does light show God's amazing design?

10. What is one property of light waves?

- A. They can only travel through air
- B. They travel in straight lines
- C. They cannot be seen

Answer Key

1. 186,282 miles per second 2. False 3. Light travels much faster than sound waves and can move through space, while sound needs a medium like air or water. 4. electromagnetic 5. To show His power and creativity 6. Light travels very fast and is essential for us to see the world around us. 7. True 8. straight 9. Light is perfectly designed to travel quickly and help us see, showing God's creativity and power in creation. 10. They travel in straight lines
