

Wave Wonderland Review

BibleMouse.com

Understanding Wave Properties

Name: _____

Date: _____

Answer the following questions based on what you learned about waves and their properties.

1. What do waves transfer without transferring matter?

- A. Sound
- B. Energy
- C. Light

2. Waves can be measured and ____ for scientific understanding.

3. Sound and light waves have the same characteristics.

- True False

4. How do waves help us understand God's creation?

5. Which of the following is a characteristic of sound waves?

- A. They can travel through a vacuum.
- B. They travel faster than light.
- C. They require a medium to travel through.

6. Psalm 33:6 states that the heavens were made by Yahweh's ____ and the breath of his mouth.

7. Waves are only found in water.

- True False

8. What surprised you about waves today?

9. What is an example of a wave you observe in everyday life?

- A. Light from the sun
- B. The ground beneath our feet
- C. Air

10. Waves show God's amazing design through their ability to transfer ____ in various forms.

Answer Key

1. Energy 2. observed 3. False 4. Waves show how energy moves through the world, which reflects God's design in nature. 5. They require a medium to travel through. 6. word 7. False 8. I was surprised to learn how waves can be found in sound, light, and even in our daily lives. 9. Light from the sun 10. energy