

Waves All Around Us Review

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Understanding the Properties and Behavior of Waves

Name: _____

Date: _____

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

1. What are the four types of waves we learned about?

- A. Water, Sound, Light, Seismic
- B. Air, Light, Water, Sound
- C. Seismic, Light, Music, Earth

2. How do waves transfer energy through different mediums? Explain in 2-3 sentences.

3. Waves can transfer matter as they move through different mediums.

- True False

4. God made waves as part of His creation, showing His ____ in design.

5. Which type of wave helps us hear music and voices?

- A. Water waves
- B. Sound waves
- C. Light waves

6. Can you think of a wave you've seen today? Describe it briefly.

7. Light waves allow us to see colors and images.

- True False

8. Seismic waves are important because they help us understand ____ through the earth.

9. What is one way waves help us in our daily life?

- A. They keep us warm
- B. They help us communicate
- C. They make us fly

10. Why is it important to appreciate God's design in wave motion? Give a reason.

Answer Key

1. Water, Sound, Light, Seismic 2. Waves transfer energy by causing particles in the medium to vibrate. For example, sound waves cause air particles to move, which allows us to hear sounds. 3. False 4. wisdom 5. Sound waves 6. I saw waves in the ocean while at the beach. They were moving up and down and splashing on the shore. 7. True 8. earthquakes 9. They help us communicate 10. It helps us understand the complexity of nature and how everything works together. It shows us how amazing God's creation is.