

Sound: Vibrations We Hear

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Understanding Sound Waves

Name: _____

Date: _____

Answer the following questions based on the lesson about sound and vibrations.

1. What creates sound according to the lesson?

- A. Light waves
- B. Vibrating objects
- C. Solid objects

2. How do vibrations produce sound waves?

3. Sound can only travel through air.

- True False

4. Different materials vibrate in ____ ways, producing different sounds.

5. Which of the following is an example of an object that creates sound through vibration?

- A. A rock
- B. A guitar string
- C. A block of wood

6. Why should we appreciate God's design in sound creation?

7. Vibrations can only be felt, not heard.

- True False

8. Sound travels through air, ____, and solid objects.

9. What did Psalm 33:3 encourage us to do with sound?

- A. Play skillfully with a loud noise
- B. Make music silently
- C. Ignore sound

10. What sounds did you hear this morning, and how do you think they were made?

Answer Key

1. Vibrating objects 2. Vibrations move back and forth rapidly, creating waves that we can hear. 3. False 4. different 5. A guitar string 6. Because He created everything to work together in harmony and beauty, showing His skill. 7. False 8. water 9. Play skillfully with a loud noise 10. I heard birds chirping and cars honking. They were made by vibrations in the air.

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