

Exploring Sound

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Understanding How Sound Travels

Name: _____

Date: _____

Answer the questions about how sound travels through different materials.

1. Sound needs something to travel through, like ____.

2. What did God design sound to do?

- A. Make noise
- B. Travel through materials
- C. Be quiet

3. Sound can travel through empty space.

- True False

4. Sound travels through water, air, and ____ objects.

5. Which material made the sound loudest in your experiment?

- A. Water
- B. Glass
- C. Air

6. Draw a line from each material to how sound travels through it.

Air

Fast

Water

Slower

Solid

Fastest

7. God designed sound to work in amazing ways.

- True False

8. We can use sound to praise ____!

9. Why is it important to know how sound travels?

10. What is one way we can show joy to God with sound?

- A. By shouting
- B. By being quiet
- C. By thinking

Answer Key

1. air 2. Travel through materials 3. False 4. solid 5. Glass 6. 0,1,2 7. True 8. God 9. It helps us understand how we hear and use sound. 10. By shouting