

# Sound Travels Through Matter Review

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## Understanding Sound Waves and God's Design

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on the lesson about sound waves.

1. What is needed for sound to travel?

- A. Empty space
- B. Light
- C. Matter

2. Sound travels faster through solids than through air.

- True       False

3. Sound can travel through solids, liquids, and \_\_\_\_.

4. How do different materials affect the way sound travels?

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5. What might sound underwater be like?

- A. Louder than on land
- B. Softer and more muffled
- C. The same as in air

6. God's design of sound transmission is not related to how we hear.

- True       False

7. God created the \_\_\_\_ that allows sound to travel.

8. Why is it important to understand how sound waves travel?

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9. Which of the following materials is likely to carry sound best?

- A. Air
- B. Water
- C. Wood

10. All materials transmit sound waves in the same way.

- True       False

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### Answer Key

1. Matter 2. True 3. gases 4. Different materials transmit sound at different speeds and qualities. 5. Softer and more muffled 6. False 7. heavens 8. Understanding sound waves helps us appreciate how God designed the world for communication and connection. 9. Wood 10. False