

Name _____

The Wondrous Journey of Sound: How Does It Travel Through Air and Beyond?

Open-Ended Response Questions

1. Describe a real-life scenario where understanding how sound travels through different mediums would be important.
2. How might the density of air affect the speed of sound?
3. Explain how a submarine uses the principles of sound travel to navigate underwater.
4. Discuss an experiment you could conduct to demonstrate the concept of sound traveling through solids to your classmates.

