

How Does Sound Travel?
(Chapter 4 Lesson 3)

1. The sounds of doors, bats, and music are made in the same way. How are sounds made?

2. Explain how sound travels from an object to your ear.

3. What are sound waves and how are they different from light waves?

4. What is volume? Name one soft sound then one loud sound.

5. What is pitch? Give one example of a low pitched sound. Give one example of a high pitched sound.

6. Name one sound that is pleasant to you and one that is unpleasant (noise).

7. Draw and label pictures that show the particles that vibrate when sound is made as it travels through air (gas), water (liquid), and wood (solid).

8. Looking at the pictures, how does the density of the material affect the speed of the sound as it travels through each medium?
