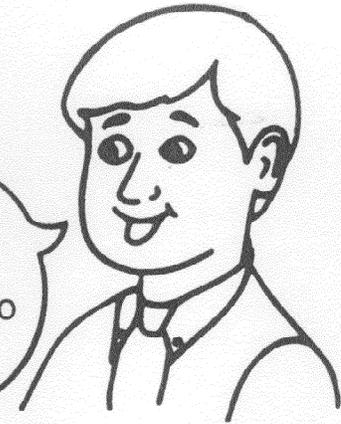


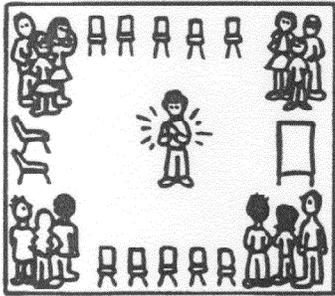
Sound Travels

Mr. Hunter told his class these facts about sound.

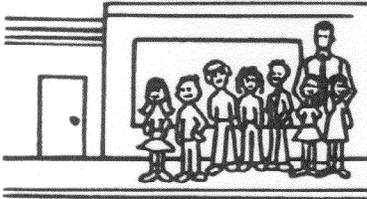


Sound waves are vibrations that move in all directions. They travel through gases (like air), liquids (like water), and solids (like glass). The closer you are to the source of the sound, the louder it seems.

The class did three experiments to learn how sound travels. On the lines write a conclusion they were able to draw from each experiment. Use the facts Mr. Hunter gave to help you.



1. Students stood in each corner of the classroom. Julio stood in the center and clapped his hands. All the students heard the clap at the same time.



2. The class stood on a sidewalk. The sound of a car became louder as it came closer. The sound became softer as the car got farther away from the students.





3. Jim put his ear against the side of an aquarium. Kate tapped two rocks together underwater. Jim heard the taps through the glass and the water.

Try This! Long ago, American Indians put their ears to the ground to find out if horsemen were approaching before any horses could be seen. Explain how they were able to do this.