



How Sound Travels Lessons

Websites

[Hunkin's Experiments – Sound Experiments](http://www.hunkinsexperiments.com/themes/themes_sound.htm)

Lists experiments for resonance, more resonance, music, noise, and paper noise. Kid-friendly interface with direction in a cartoon format. Reading level most likely too high for 2nd grade, but a fun site. Other non-sound science experiments available here.
(http://www.hunkinsexperiments.com/themes/themes_sound.htm)

[Science of Sound: Hands on Activities](http://www.smm.org/sound/activity/handson.htm)

This Science Museum of Minnesota site has a list of hands on activities and brief explanations of the related sound principles. Not all activities may be appropriate for 2nd grade children.
(<http://www.smm.org/sound/activity/handson.htm>)

[The Saturday Scientist – Sound Experiments](http://www.west.net/~science/sound.htm)

A list of experiments for anyone to try that illustrate the principles behind the science of sound. The site has some background information, recommended primarily for teachers or interested adults.
(<http://www.west.net/~science/sound.htm>)

[The Science of Sound – Hands on Technology](http://www.galaxy.net/~k12/sound/#exper)

This is a series of experiments about sound and its application to animals, musical instruments and communications. This unit was designed for use in the second grade. Good site for teachers that just need more sound experiments for this age group.
(<http://www.galaxy.net/~k12/sound/#exper>)

[The Unmuseum – Experiment with Sound](http://unmuseum.mus.pa.us/exsound.htm)

A single experiment that demonstrates sound as vibration. Easy to read, but probably more for older kids and adults.
(<http://unmuseum.mus.pa.us/exsound.htm>)



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Books

Did You Hear That? Animals With Super Hearing

By Caroline Arnold; illustrated by Cathy Trachok. (2001, Charlesbridge Publishing)

Animals and other organisms with super senses of hearing are featured on large two-page spreads full of interesting facts.

Hearing (Beginning to Learn About)

By Richard Alington and Kathleen Cowles. (1980, Heinemann Library)

Simple, clear introduction to the many kinds of sounds made by people and animals. Includes information about the parts of the ear. Suggested reading level: ages 5 to 8.

Telephones (Household History)

By Elaine Marie Alphin. (2001, Carolrhoda Books)

The history of the telephone, methods of communication before the telephone, and the role of the telephone in society are presented with ample illustrations in this introductory text.

What Charlie Heard

By Mordecai Gerstein (2002, Farrar Straus & Giroux)

A wonderful picture-book biography about the composer, Charles Ives, which uses onomatopoeias throughout to cleverly convey the composer's ongoing attention to and inspiration from the sounds of everyday life.