



Broward County Public Schools Videoconference

Reading Rascals

Lesson: How do you hear?

Instructor: Dr. Evelyn Nelson-Weaver
BECON Distance Learning Teacher

Grade Level: First Grade

Sunshine State Standard: LA.A.1, LA.A.2, SC.D.1 and SC.H.1

Benchmark: LA.A.1.1.2, LA.A.2.1.1, SC.C.1.2.2, and SC.H.1.5

Objective(s):

1. Students will define vocabulary words through context clues in the reading selection.
2. Students will determine the main idea or essential message from the text.
3. Students will understand that sound is caused by vibrations.
4. Students will use be able to explain how vibrations help us hear.

SCIENCE SKILL EMPHASIS: Make models.

LITERATURE CONNECTION:

Book Title: Hearing

Author: Mandy Suhr

Illustrator: Mike Gordon

Publisher: Carolrhoda Books, Inc., Minneapolis, MN (1994)

Story Summary: Cartoon pictures depict how sound vibrations travel to the ear, through the ear, and to the brain.

ACTIVITIES:

- What is sound? *The energy that lets you hear is sound. Sound is made when things vibrate, or move back and forth very fast.*
- **Read:** pages 4 – 17
 - What part of the ear first receives vibrations? *The outer ear*
 - What “drum” vibrates inside of the ear? *The eardrum*
 - Where do the electrical impulses travel when they leave the ear? *The brain*
- **Show:** “How We Hear” from *Health: Ear Care*

MEDIA CONNECTION: How we hear from *Health: Ear Care* (2nd Edition). AIMS Multimedia (1996). Retrieved March 4, 2008, from unitedstreaming:

<http://streaming.discoveryeducation.com/>

LITERATURE CONNECTION:

Book Title: The Science Book of Sound

Author: Neil Ardley

Publisher: Harcourt Brace & Company, Orlando, FL (1991)

Story Summary: Simple experiments demonstrate basic principles of sound and music.

- *Let's look at an example of how a drum detects sound.* What do you think will happen to the rice on top of the plastic wrap?
 - DEMO: Rice on Drum head

LITERATURE CONNECTION:

Book Title: The Listening Walk

Author: Paul Showers **Illustrator:** Alik

Publisher: HarperCollins Publishers, New York, NY (1991)

Story Summary: A little girl and her father take a quiet walk and identify the sounds around them.

ASSIGNMENT: Take a *Listening Walk* and share what you heard with your class.

MATERIALS NEEDED: None

EXTENSION:

RELATED LITERATURE:

Book Title: Poems Go Clang: A Collection of Noisy Verse

Author and Illustrator: Debi Gliori

Publisher: Candlewick Press, Cambridge, Massachusetts (1997)

Story Summary: A collection of short poems which feature all sorts of sounds.