

Additional titles
from **film ideas. Inc.**
in the
LISTENING TO LEARN SERIES

Ear Ye, Hear Ye:
Exploring the Science of Hearing

Eardrum - Hum:
Exploring the Health of Hearing

Ear Responsible:
Exploring the Skills for Hearing

Ear and Now:
Exploring the Learning from Hearing



film Ideas. Inc.
308 North Wolf Rd. Wheeling, IL 60090
TEL: 1-800-475-3456 or 847-419-0255
FAX: 847-419-8933 E-MAIL: filmid@ais.net
WEB SITE: www.filmideas.com

Copyright © 1999

film ideas. Inc.

Presents

**EAR YE,
HEAR YE,
HEAR YE!**
Exploring the Science of Hearing



INSTRUCTIONAL GUIDE
Listening to Learn Series

INTRODUCTION TO SERIES

The purpose of this video series is to acquaint children to the importance of their hearing. To teach them how their ears function and how the sounds their ears capture can assist in their learning and knowledge. In addition to the understanding of how their ears function and the enjoyment and learning ears can bring, young children will also begin to appreciate that their ears must be properly cared for to insure a lifelong ability to hear. The series is designed to make listening to learn a comprehensive and important, distinct and enjoyable experience.

As a complementary device with each video, an instructional guide suggests exercises to help aid teachers, parents and students. These interactive exercises will reinforce and further develop a child's level of comprehension about the importance of their hearing and the joy of learning.

The instructional guide provides:

Child-friendly exercises! ✓

Fun-to-do follow-up activities! ✓

Easy-to-learn reinforcement lessons! ✓



Permission granted to copy the exercises provided in this guide. For educational use ONLY.

NOTES:

EAR YE, HEAR YE

Exploring the Science of Hearing

Helping children understand how their ears function is the goal of Ear Ye, Hear Ye. Starting with the science of the ear, children learn how sound is funneled into their ear canal and passed along from the outer ear to the middle and inner ear, and on to the brain. They will also learn that the three smallest bones in the human body can be found in the ear. Youngsters then begin to appreciate the broad range of sound their ears can interpret from very low deep sounds, to more high pitched and loud sounds. After enjoying some sound exercises by applying some listening to learn skills, students will be prepared to move on to the next topic, Eardrum Hum, where they will learn about protecting and caring for their ears.

Program Objectives

After viewing the program, children should know:

- how sound travels through the ear.
- different parts of the ear.
- the smallest bones in the human body are in the ear.
- why we hear.



Key Words:

- Vibration
- Ear Drum
- Sound Waves
- Ear Flap
- Brain
- Ear Canal
- Inner Ear
- Middle Ear
- Outer Ear

Exercise #1:

What are the three most important reasons why we have ears, as discussed in the video?

Circle these three important reasons.

- helps us to communicate
 - to hold our hair
 - to hold eye glasses on
 - bring us enjoyment
 - to make funny faces
 - to wear earrings
 - warn us about danger
-

Sound travels into the outer ear, then to the middle ear, and on to the inner ear. Where does it go when it leaves the inner ear?

Circle the correct word.

Fourth Ear Brain Disappears

.....

Where are the smallest bones in the human body?

Circle the correct word.

Ears Jaw Finger



Reinforcement Lessons:

Lesson #1: During the video, children with their eyes closed identified sounds of a swimming pool. Like the video assemble the children and, with their eyes closed, have them identify sounds either in the classroom or outside near your school.

Lesson #2: Like the narrator in the video, use a chart to explain to the children the parts of the ear and how each part is used to interpret sound.

Lesson #3: Communicating is one of the most important functions of hearing. Assemble the the children in a circle, and play the game “Simon Sez”. But before starting the game, explain to the children why listening skills and using their ears carefully, is the object of this fun and popular game.



Follow-Up Activities:

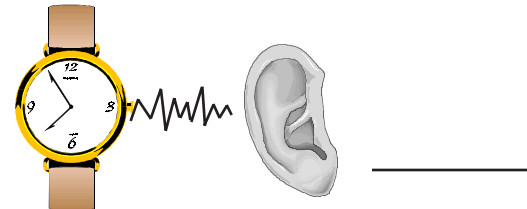
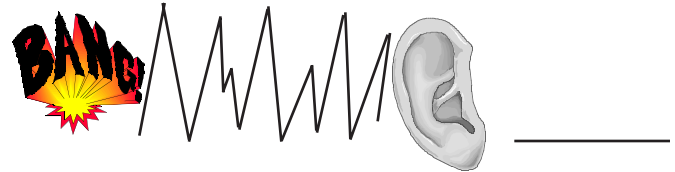
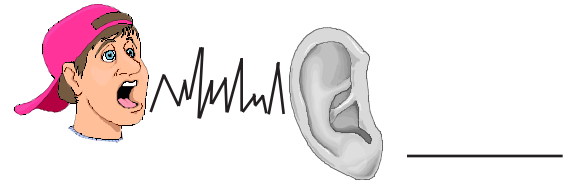
- By using musical instruments demonstrate the different high and low sound pitches each instrument produces and how the ear interprets those sounds differently. If possible use a dosimeter or soundwave indicator to illustrate how the soundwaves differ from each musical instrument. (Perhaps ask an audiologist to visit your school.)
- Have the children **SLOWLY** recite each letter of the alphabet while touching their throat to help them understand how our bodies produce different sounds.

Notes



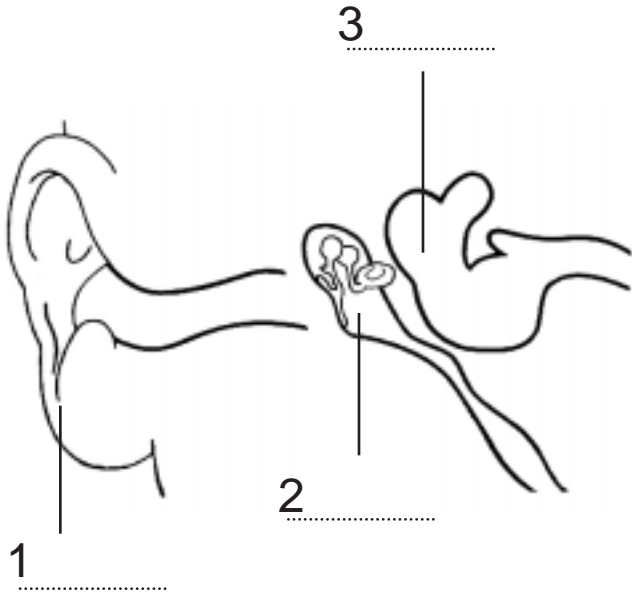
Exercise #2:

The EAR interprets sound through soundwaves. On the black line indicate from numbers 1 thru 3 (3 being the loudest) which image produces the highest soundwaves.



Exercise #3:

On the dotted lines, indicate the outer, middle and inner parts of the ear.



Exercise #4:

Sounds travel from the outer ear, into the middle and inner ear, then onto the brain. Draw a line from the outer ear, then into the middle and inner ear to illustrate how sound travels through the EAR.

