

# ATTENTIVENESS

Week 2

# **Attentiveness**

**To listen long enough to know what  
is being said.**

# Objectives

## Attentiveness Week 2

### General Objectives

- To practice listening carefully
- To learn about hearing problems
- To introduce music

### Specific Objectives

- To understand sound waves and the properties of sound
- To practice making eye contact
- To begin listening to major musical compositions

# How Did You Do????

## Attentiveness Week 2

### The 3 Gets

- **Get up** 45 minutes before everyone else
- **Get dressed** and put on make up
- **Get dinner** started

# Alert!!!

## Attentiveness Week 2

### Immediate Action!!!

- Week 3, you are scheduled to visit a music shop. It would be helpful to call ahead and see if someone could show you all the different instruments.
- Week 4, you are scheduled to take in a musical event. What is available in your area that is affordable? Symphony, free band in park, chamber music at a college, PBS broadcasts, music channels on cable or satellite, video of Boston Pops concerts

### Supply Alert!!!

Continue saving newspaper inserts that have food items and grocery store advertisements, because we are going to make a food target when we get to the Stewardship unit.

# Weekly Supplies

## Attentiveness Week 2

- Plastic wrap, bowl, salt **aa (p.15)**
- Old record **nn (p.17)**
- Ticking clock **kk (p.17)**
- Old telephone **vv (p.18)**
- Piano **ccc (p.19)**
- Empty can, balloon, mirror piece **f (p.12)**
- Hacksaw blade and clay lump **ccc (p.15)**
- 3 water bottles **bbb (p.18)**

# Bible Verse

Attentiveness Week 2

*Incline your ear and come to Me. Listen, that you may live; and I will make an everlasting covenant with you.*

Isaiah 55:3

# Focus Books

## Attentiveness Week 2

- Y** *The First Book of Sound*  
*The First Book of Music*
- M** *Ahoy! Ahoy are You There?*  
*The First Book of Music*  
Any Composer biography
- O** *Mr. Bell Invents the Telephone*  
*Working with Sounds*  
Any Composer biography



# Writing Assignment

## Attentiveness Week 2

- **Y** Write a poem entitled "Sounds of the Season," or a poem about emotions evoked by certain sounds.
- **M** Write a research paper on the larynx or a poem entitled "Sounds of the Season."
- **O** Write a research paper on "How Sound is Put on Tape."

# Vocabulary

## Attentiveness Week 2

acoustics

echo

diffraction

ultrasonic

sound barrier

Doppler Effect

conductivity

air column

soundscape

stethoscope

larynx

### Piano Parts

sound board

keyboard

strings

frame

case

damper

pedals

grand piano

upright piano

# Vocabulary (cont'd)

## Attentiveness Week 2

### Telephone parts

receiver

electromagnet

microphone

speaker

carbon granules

diaphragm

### Sound wave

rarefaction

compression

frequency (Hertz)→ pitch

loudness (decibels)→ energy

amplitude↑ determines

loudness

wave length↔

# Vocabulary Use

## Attentiveness Week 2

- Have vocab list handy while you are teaching, to make sure you are touching on and **explaining** the vocabulary words as you teach.
- Use index cards for **definition flashcards** and for **labeling**

# Videos

## Attentiveness Week 2

Did you find any of the videos at your library or at Blockbuster???

- *Sound of Music*
- *Music Man*
- *The Miracle Worker*
- *Mr. Bell*
- *Mary Poppins*

# Listening to Music

## Attentiveness Week 2

- **Listen** to music waking up, at breakfast, when doing chores, at lunch, in the car, and in the evening.
- **Focus on** the name of the piece, the composer, the mood, the instruments, the tempo, etc.
- **Re-listen** to pieces again and again.
- **Use** the "William Tell Overture" and "The Flight of the Bumblebee" to **do** chores to.

# Activities

## Attentiveness Week 2

### Monday

aa (p.15) Stretch plastic wrap over a bowl. Add salt.

nn (p.17) Examine an old record's grooves.

kk (p.17) Play hide the clock.

o (p. 13) Watch *The Miracle Worker*.

p (p.13) Learn to sign.

Listen to music by Bach... "Jesu Joy of Man's Desiring."

### Tuesday

vv (p.18) Take apart telephone and identify parts.

uu (p.18) Research sound barrier and Doppler effect.

e (p.12) Loudness graph.

ee (p.15) Parts of a wavelength.

Listen to music by Handel... "Hallelujah Chorus from Messiah."

### Wednesday

ll (p.17) Research acoustical material. Remove towels and rugs from bath. Then shout and clap.

yy (p.18) Read the story of Echo.

pp (p.17) Research ultrasonic sound. Research and compare bats and ships.

jj (p.17) Diffraction of sound waves occurs with low pitch, not high. Test with ticking clock.

Listen to music by Mozart... "Eine Kleine Nachtmusik."

# Activities (cont'd)

## Attentiveness Week 2

### Thursday

ccc (p.19) Open a piano. Press down on sustaining pedal and shout into the piano.

ppp (p.21) Examine your piano or visit music store.

y (p.14) Fill sink with water. Put finger in watching waves.

hh (p.16) Listen to a conversation in the other room through a wall.

Listen to Wagner... "Ride of the Valkyries."

### Friday

f (p.12) Make a soundscape with can, balloon & mirror.

k (p.13) Test two ears compared to one.  
Listen to Beethoven... "Moonlight Sonata."



# Activities (cont'd)

## Attentiveness Week 2

### Friday cont'd

cc (p.15) Record hacksaw blade vibration.

dd (p.15) Draw sound wave with pen.

ff (p.16) Listen to sound thru hose, aquarium, wood.

gg (p.16) Test conductivity of several materials with pocket watch.

aa (p.4) Play games: hokey pokey, duck, drop, ball, Simon.

bbb (p.18) Explain air columns with three bottles of water.

xxx (p.22) Place composers on timeline as you listen to their compositions.

# Connect the Dots

## Attentiveness Week 2

- There are so many incredible concepts in this week that may be new information to you moms as well as new to your kids. Every time a new experiment repeats an already visited concept, **CONNECT THE DOTS** by reminding the kids about a former experiment.
- Practice the 4 R's of Review:  
**Revisit...Repeat...Remind...Restate**

# Permission Slip

## Permission Coupon

Free pass to skip one activity  
or other assignment  
(Feel free to copy as often as needed)

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# Why Library Books?

## Attentiveness Week 2

- Many things are taught so clearly in library books.
- There are other sound experiments which round out understanding.
- There is great information and great pictures in library books.
- You need the biographies.

# Teaching Tips

## Attentiveness Week 2

- Have fun and laugh a lot. Laughter increases learning *but.....*
- Keep silliness to a minimum.
- Involve your hubby by allowing him to do some of the experiments.
- Be on the look-out for garage sales. Teaching supplies and costumes may be looking for a good home.

# Suggestions for Dad

## Attentiveness Week 2

- Teach Scripture verses.
- Give out vocabulary words.
- Teach a few of the many science experiments the kids will do this week.
- Take kids to a building to test diffraction.  
jj (p.17)
- Pick up needed supplies for your wife.
- Pray for your family while away.
- Do the dishes with the kids after dinner each night.

# Field Trips

## Attentiveness Week 2

- **Wednesday** Test diffraction at corner of building
- **Thursday** Go to piano store (if necessary)

# Focus of the Week

Attentiveness Week 2

# Exposure

to

# Concepts



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Thanks,  
Wade and Jessica Hulcy