



Creation Lens

Exploring the World, Discovering God

Grade Level: **Grade 3**

Title:

Discovering Sound & God's Word

Denomination: **Catholic**

Lesson ID: **PS-G3-06-CA**

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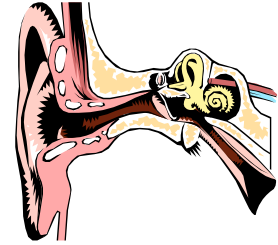
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Note: Web sites referenced in this lesson were valid at time of publication.

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PHYSICAL SCIENCE – GRADE 3 - CATHOLIC
LESSON TITLE: Discovering Sound & God's Word

SCIENCE LESSON CONCEPT

- What is sound?
- Where does sound come from?
- How do we hear sound?

GOAL OF SCIENCE LESSON

- Students will understand what sound is.
- Students will understand where sound comes from.
- Students will understand how sound is received.

RELIGION LESSON CONCEPT

- What is God's Word?
- Where does God's Word come from?
- How do we hear God's Word?

GOAL OF RELIGION LESSON

- Students will understand what God's Word is.
- Students will understand where God's Word comes from.
- Students will understand the many ways we hear God's Word.
- Students will learn that prayer is hearing God's voice.

OUTCOME EXPECTED

- Students will use various materials needed to create sound.
- Students will distinguish the different types of sound made by various objects.
- Students will use vocabulary and/or pictures to write about their experiences and observations.

MATERIALS NEEDED

- Tuning forks
- Cups of water
- Balls on a string
- Paper
- Pencil
- Crayons
- FOSS Science Kit (see Science Links section)
- Science Journal Page: Sound

OUTCOME EXPECTED

- Students will hear different oral readings from Religion books.
- Students will hear different oral readings from the Bible.
- Students will distinguish Bible stories and real life stories by identifying, in their own words, the differences.
- Students will use vocabulary words and/or pictures to tell about God's Word and their own experiences.

MATERIALS NEEDED

- Religion textbook
- Children's Bible
- Drawing paper
- Crayons
- Pencil
- Older students to read the stories and passages (optional)
- Life of a Saint Book

SCIENCE METHODOLOGY

- **LIGHTLY TAP** various items on desk with a ruler or pencil. (desk, book, glass, etc.)
- **ASK:** Did you hear the sound? (yes)
- **SAY:** That's really strange that I tapped the (item) here on my desk and you are way over at your desk and you heard that. I wonder how that happened.
- **EXPLAIN** that your tap made sound waves travel through the air to the students' ears.
- **SAY:** We can't see sound waves but they are like the waves of the ocean. They move up and down as they travel from my desk to your ears.
- **USE** the balls on the string to show how the sound waves move.
- **HAVE** the students make different sounds on different objects.
- **USE** the tuning fork and have the students explain how they could hear it.
- **HAVE** the students record on the Science Journal Sheet: Sound, in either words or pictures the objects that made sound.
- **ASK:** What is needed to make sounds?
- **HAVE** the students write or draw the answers on the Science Journal Page: Sound.

RELIGION METHODOLOGY

- **IDENTIFY** the term: Parable.
- **SAY:** Parables are stories told by Jesus to help us understand God's word and to help us make right choices.
- **READ** a parable of your choice to the children.
- **USE** the Children's Bible and show the students any pictures.
- **HAVE** the students retell the parable to show their understanding.
- **IF YOU HAVE OLDER STUDENTS AVAILABLE**, divide the class into groups and have the older students read a parable to the group.
- **BRING** the groups together.
- **HAVE** each group retell their parable.
- **IDENTIFY** the term Bible Story.
- **READ** a Bible Story to the students. (Noah and the Ark, Moses and the Ten Commandments, Jonah and the Whale, etc.)
- **HAVE** the students illustrate the meaning of the Bible Story.
- **SAY:** The Bible stories are the true word of God and real life stories are what people experience.

- **ASK:** What sounds did you hear?
- **HAVE** the students close their eyes.
- **MAKE** a sound. (use something you haven't used before in this lesson – bell, jingle bell, zipper, pen clicking, and cup of water tapped, etc.)
- **HAVE** the students identify sounds with eyes closed.
- **POSIT:** State the scientific principles of sound vibration.

- **ASK:** How can you hear God's voice in these Bible stories?
- **ASK:** Is there a message in the Bible story for you?
- **ASK:** How do you find the message? (quiet reflection, thinking about it, asking God to help you find the message, etc.)
- **ASK:** How did you feel when you heard the Parable or the Bible Story? (accept students' answers)
- **SAY:** We can learn about God's Word from the real life stories of people who have been close to God. I am going to read about one such person now.
- **READ** the life of a saint, especially those parts which tell about the saint's relationship to God and His word.
- **SAY:** This saint, (Name), loved God very much and listened to God's Word by _____. This saint gives us the example of _____.
- **STATE** the religious reasons for listening to God's Word and to real life stories.
- **ASK:** What do you think God was telling you in the life of this saint? (how to love Him more, how to do his will, how to treat other people, etc. depending on the saint chosen.)
- **POSIT:** God speaks to us through His Word in the Bible and through the lives of holy people. We must find the message He has for us.

SCIENCE LINKS

www.fossweb.com

www.internet4classrooms.com/science_elem_sound.htm
The **Science of Sound** for **Elementary Science Classrooms** -
Sounds ... Sound - Elementary Science ... Math, Science
and **Sound Activities** - Waves and Frequency Music Maker -
Click on the ...
Loads of activities for teaching about sound.

www.ncsu.edu/imse/4/elementaryEd.htm
Elementary Science Though some **activities** for grades 2 & 3,
best suited to upper **elementary**. Can serve as a link for
teacher to other **science activities**. ... Great graphics and
sounds ... Contains lots of links for many science topics,
including sound.

COMPUTER LESSONS

Students watch a video or DVD

www.nidcd.nih.gov/health/education/video/sound

RELIGIOUS LINKS

www.LoyolaPress.org

See Grade level and saint section.

www.ChristOurLife.org

See Grade level and saint section.

www.ezinearticles.com/?Gods-Word-Makes-Sense---A-Fun-Activity...

God's Word Makes Sense - A Fun Activity For Reviewing
Bible ... to preschoolers and **elementary** aged children with
the **Word of God ... God's Word Makes Sense - A Fun**
Activity For Reviewing Bible ... from the News-and-
Society:**Religion** ... Good game for learning Bible Stories and
finding meanings in them.



KEY WORDS

- VIBRATIONS
- PITCH
- VOLUME
- SOUND
- HEARING
- CONDUCTORS
- FEEL THROUGH TOUCH
- TUNING FORK



KEY WORDS

- BIBLE
- PARABLE
- WORD OF GOD
- GOSPEL
- JESUS
- GOD
- LAW OF GOD
- TRUTH
- RIGHT CHOICES
- PRAYER

KEY WORDS



VIBRATIONS

BIBLE

PITCH

PARABLE

VOLUME

WORD OF GOD

SOUND

GOSPEL

HEARING

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