



Grade Level: Grade 1

Title:

What Is Sound? & Music and Sound

Denomination: Catholic

Lesson ID: PS-G1-06-CA

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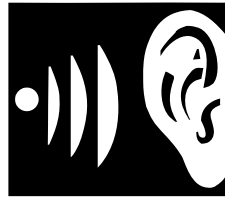
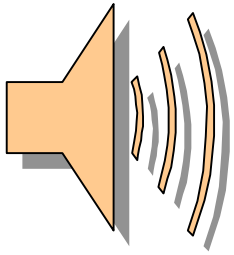
ITEST web site: www.faithscience.org

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

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PHYSICAL SCIENCE MODULE – FIRST GRADE – CATHOLIC
LESSON 6 What is sound and our ears and voices are gifts from God.

GENERAL CONCEPT: What is sound and God gave us the gifts of hearing voices.

SCIENCE LESSON CONCEPT

Sound is made when an object vibrates. Sound travels through the air.

GOAL OF SCIENCE LESSON

Student will learn about sound and its properties.

OUTCOME EXPECTED

Student will be able to describe how sound is made and how it travels.

MATERIALS NEEDED

- Science Journal Page: SOUND
- Rice

RELIGION LESSON CONCEPT

God gave us the gifts of hearing, voices, and musical instruments. How do we hear God's sounds – His words?

GOAL OF RELIGION LESSON

Student will learn that voice and music are God's gift to us to enrich our life.

OUTCOME EXPECTED

Student will be able to describe how music/song enhances life.

MATERIALS NEEDED

- Musician or singer
- Song book

- Bowl with foil
- Pan
- Spoon
- Guitar or banjo
- Whistle
- Bell
- Siren
- Horn
- Penny
- Large rubber band

SCIENCE METHODOLOGY

- **ASK** the student be as quiet as possible. Pause about 30 seconds.
- **HAVE** the student record what was heard on the Science Journal Page: SOUND
- **INTRODUCE** the concept of Sound Waves. We cannot see them but we can hear them.

- CD or Tapes of music

RELIGION METHODOLOGY

- **HAVE** the music minister visit the classroom or meet in the church to explain what he/she does.
- **HAVE** the music minister lead the children in a joyful praise and songfest session.
- **END** the class with the student thanking the music minister for their service to the community.

- **PLACE** the rice and bowl for the experiment on the table
- Access to church organ or piano
- **TELL** the student that you want them to make a prediction what will happen to the rice when I do certain things.
- **PLACE** the rice in the bowl on the foil.
- **HAVE** the student draw a spoon or write “spoon” on the Science Journal Page and predict what will happen when the spoon is banged next to the bowl.
- **HAVE** the student put a check if they were correct.
- **HAVE** the student predict and then check for each of the following:
 - Blow a whistle**
 - Sound the Siren**
 - Blow the horn**
- **TELL** the student that you are going to stand in the back of the room. Do not turn around. I will make a sound. Record on your Science Journal Page what made the sound.
- **DO** each of the following: guitar plucking, snapping of fingers, penny dropping on the desk, large rubber band humming.
- **RECORD AND COMPARE** the answers.

- **POSIT:** We could hear the sounds because the sound waves traveled from the vibrating object to our ears.

RSOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Teacher) www.cln.org.themes/sound.html

(Student) Interactive on-line activity teaching music
http://www.bbc.co.uk/northernireland/schools/4_11/music/mm/index/shtml

(Student) Interactive on-line activity from the San Francisco Orchestra
<http://www.sfskids.org>

(Teacher and student) Interactive on-line activity about orchestras
<http://www.artsalive.ca/en/mus/index.asp>

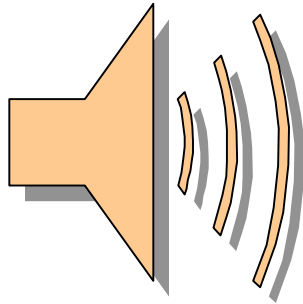
(Student) On-line interactive site about sound
http://bbc.co.uk/schools/scienceclips/ages5_6/sound_hearing.shtml

Religious Links

(Student) Watch and listen to “The Canticle of the Sun”
<http://www.faithfirst.com/html/kidClub/games/canticle.html>

(Student) Click on the church and go to “choir practice: Students can participate by listening to the patterns the nun sing, then clicking on the same nuns to repeat the tune. Registration is not necessary to play this game. This site also has the Faith Factory; select Radio Room and listen to and sing along with inspirational songs.
<http://ewtn.com/ewtnkids/home.asp>

KEY WORDS
PHYSICAL SCIENCE – LESSON 6 – GRADE ONE - CA



SOUND

VIBRATE

PROPERTIES

EAR

WAVES

GIFT OF HEARING

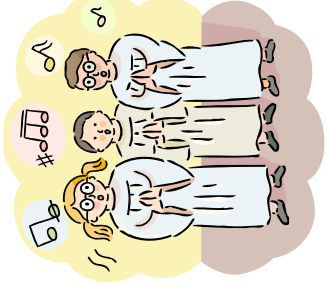
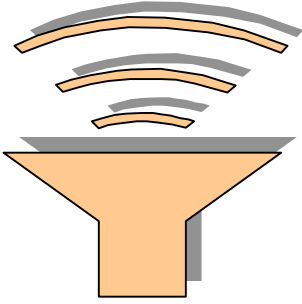
VOICES

PRAISE

CHOIR

INSTRUMENT

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