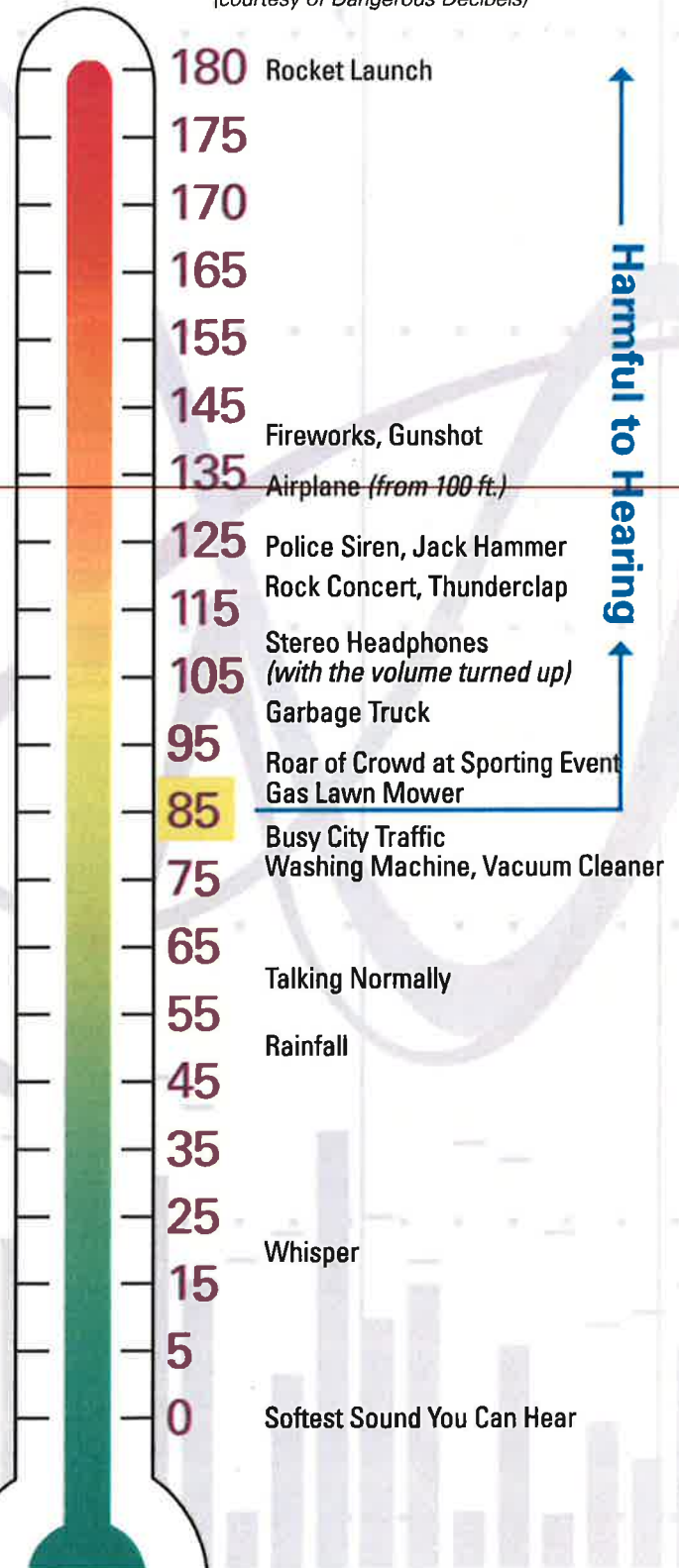


What is Too Loud?

Sound is measured in units called decibels (des-uh-bels). The greater the number of decibels, the louder the sound and the more harmful it is to your ears. The sound thermometer gives you an idea of how loud some sounds are. If you are exposed to sound at 85 decibels and above, it may harm your hearing.

Sound Thermometer

(courtesy of Dangerous Decibels)



Circle the 5 pictures that produce sounds that can be harmful to your hearing. To help you, use the sound thermometer on the previous page. After you have circled all 5 pictures, you can color them.



Garbage Truck



Cell Phone



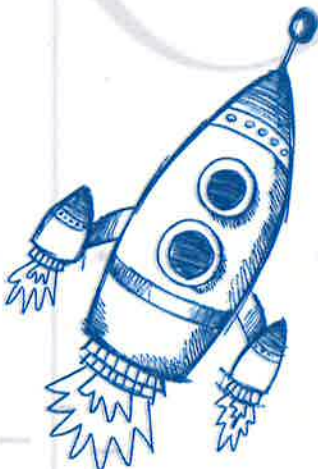
Airplane



Bird



Fire Truck



Rocket



Stereo Headphones



Washing Machine

There are some sounds that can harm your hearing or interfere with your sleep and study. Can you find and circle the 7 objects in the picture below? After you have circled the 7 objects, you can color the page.





Loud and Soft Sounds All Around

Objectives:

Students will:

- Explore the differences between loud and soft sounds
- Sequence loud and soft sounds in the correct order

Materials:

- "Loud and Soft Sounds All Around" handout
- Glue
- Scissors

Class Time:

45 minutes

Activity:

Think of the loudest sound you've ever heard. What made the noise? What did it sound like? How did it make your ears feel? Think of the softest sound you have ever heard. What made the sound? What did it sound like? Was it hard for your ears to hear it? Now you're going to put sounds in order from the softest to the loudest. Take a look at the pictures on the "Loud and Soft Sounds All Around" handout. Cut out the picture squares, and think about the sounds that each of the objects makes. Find the picture that makes the softest sound. Glue it on the handout where it says "soft." Glue the next loudest sound next to it, and keep gluing pictures of things that make louder and louder sounds until you glue the picture of the loudest-sounding object next to the word "loud."

Extension:

Some kids have hearing loss or a hearing impairment, which means that they have a problem with their ears or hearing. Some people with hearing loss communicate using American Sign Language (ASL). Learn several signs in ASL to discover a new way of communicating without speaking or hearing.

Reproducible Materials

Handout: Let's Hear It for Hearing!

KidsHealth.org/classroom/prekto2/body/functions/hearing_handout1.pdf

Handout: Loud and Soft Sounds All Around

KidsHealth.org/classroom/prekto2/body/functions/hearing_handout2.pdf

Quiz: Hearing

KidsHealth.org/classroom/prekto2/body/functions/hearing_quiz.pdf

Answer Key: Hearing

KidsHealth.org/classroom/prekto2/body/functions/hearing_quiz_answers.pdf



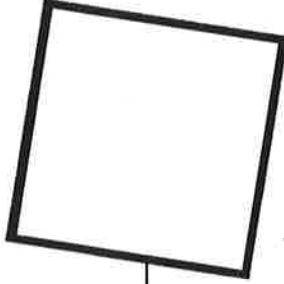
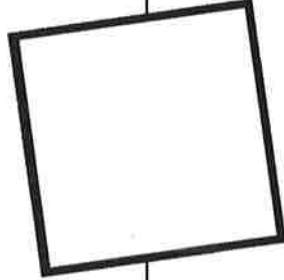
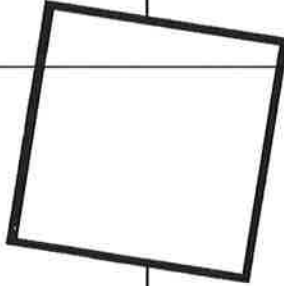
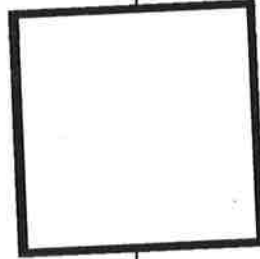
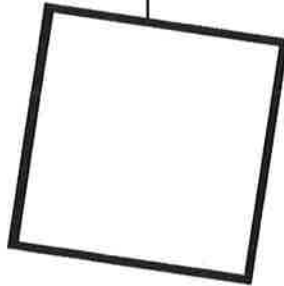
Name:

Date:

Loud and Soft Sounds All Around

Instructions: Cut out the picture squares, and think about the sounds that each of the objects makes. Which ones make loud sounds? Which ones make soft sounds? Find the picture that makes the softest sound. Glue it on the handout where it says "soft." Glue the next loudest sound next to it, and keep gluing pictures of things that make louder and louder sounds until you glue the picture of the loudest-sounding object next to the word "loud."

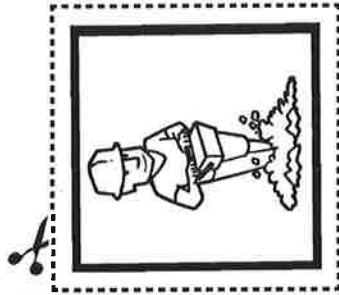
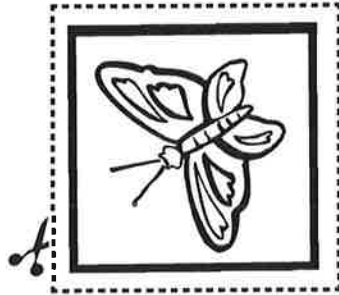
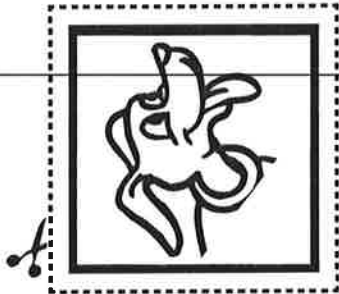
soft



loud



Human Body Series
Hearing




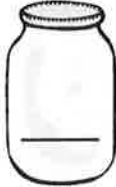
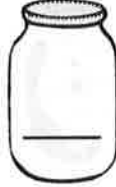




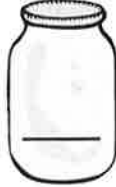


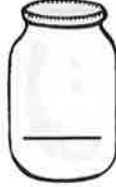

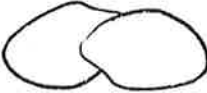


Name: _____

Date: _____

Let's Hear It for Hearing!

Instructions: Ten containers each have different objects inside, and your job is to guess what's inside each container - using just your ears! Each container has a mate, another container with the same contents. Shake each of the containers, and use your sense of hearing to try to figure out what's inside. Can you find the containers that sound the same? Record which containers you think contain each item. Write the number that's on the bottom of each container on the correct line on the handout.

Item	Container 1	Container 2
 rice		
 beans		
 pennies		
 sand		
 cotton balls	