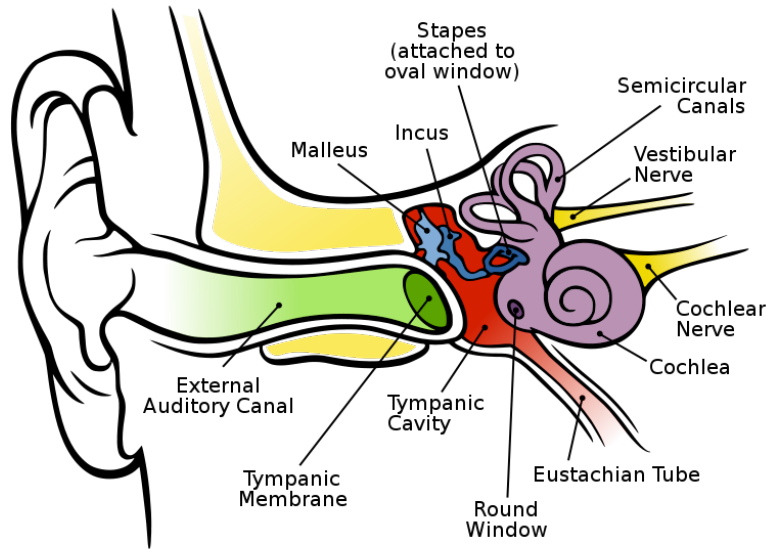


Sounds



Corresponds to QuickReads Level C, book 3,
Physical Science, Sounds

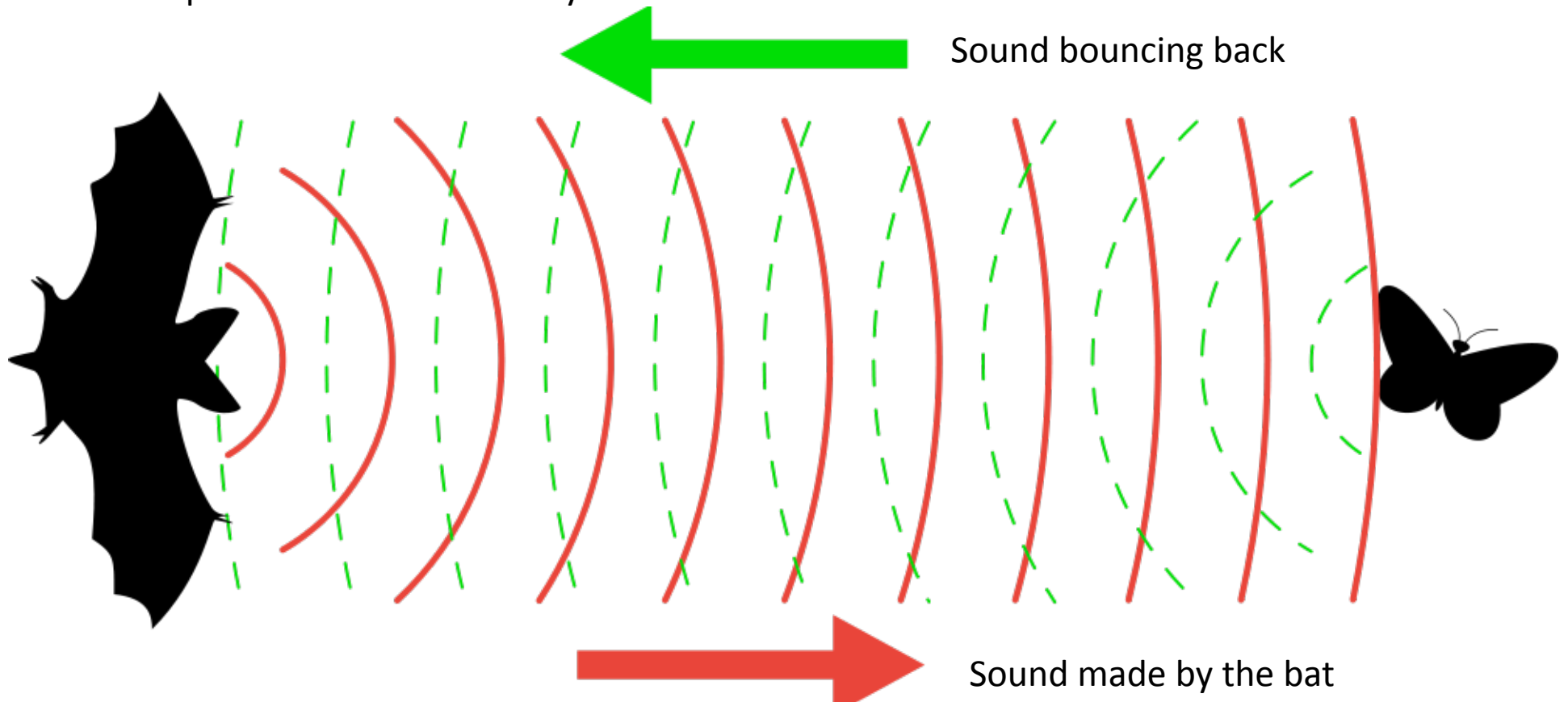
Illustration: A diagram of the anatomy of the human ear. February, 2009. ©2009 by Inductiveload in en:wikipedia. Some rights reservedCC-BY-2.0 (www.creativecommons.org/licenses/by/2.0).

Photo: F/A-18F Super Hornet breaking the sound barrier. Taken by U.S. Navy photo by Photographer's Mate 3rd Class Jonathan Chandler. Released into public domain by the United States Navy.

Bounce

If a ball or other object bounces, it hits a surface and then immediately moves away from the surface.

Example: Bats can use the way sound *bounces* to find food to eat.



Decibels

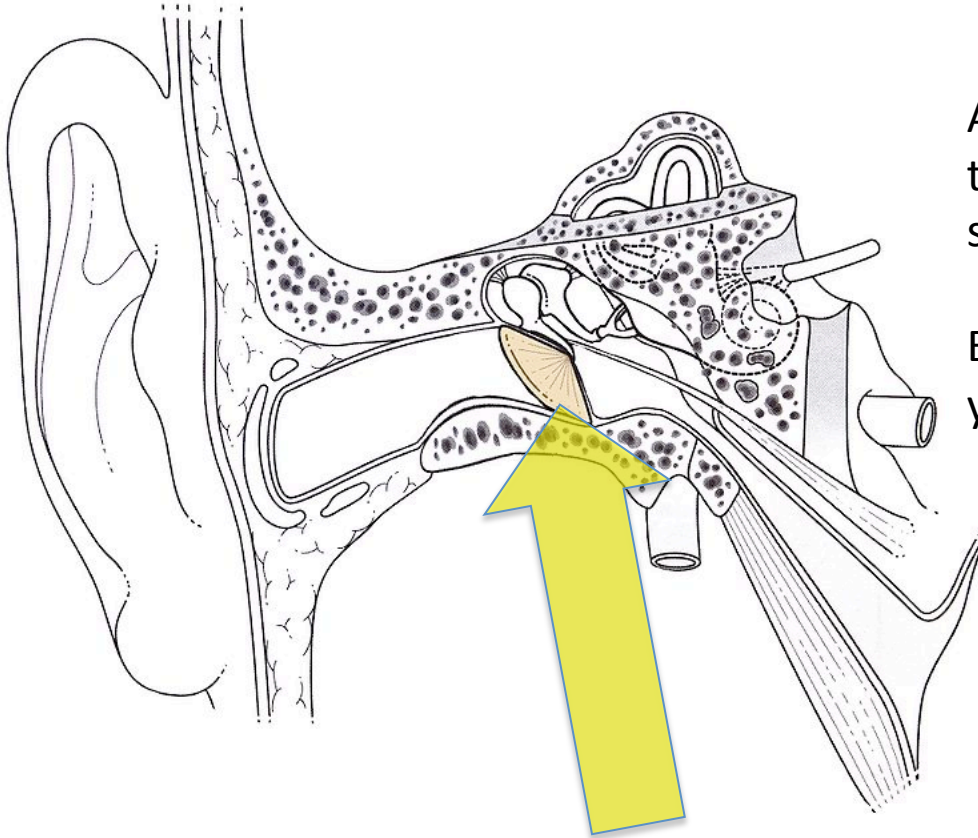
The unit in which sound is measured.

Example: The sound of a jet engine can be 150 *decibels*, more than 3 time louder than the sound of people talking.



Photo: A spectator protects his ears as a F/A 18F Super Hornet performs at the 2008 Wings of Freedom Air Show at Naval Air Station in Jacksonville, FL. October, 2008. Taken by U.S. Navy photo by Mass Communication Specialist 1st Class Leah Stiles. Released into public domain by the United States Navy.

Eardrums



A thin, tightly stretched piece of tissue in the ear that vibrates or moves when sound waves hit it

Example: Very loud sounds can tear or rip your *eardrum*.

Echo

A sound that you hear again because it bounced off of something nearby, such as a wall or a hill.

Example: Dolphins also use *echoes* to find their food.



Photo: A female bottlenose dolphin performs her daily exercises while her trainer. Kaneohe Bay, HI. April, 2005. Taken by U.S. Navy photo by Journalist 2nd Class Jessica B. Davis. Released into public domain by the United States Navy.

Marching



Photo: A Russian honor guard marches during the opening ceremony of the 65th anniversary of the Victory in Europe Day parade. St. Petersburg, Russia. May, 2010. Taken by U.S. Navy photo by Mass Communication Specialist 2nd Class William Pittman. Released into public domain by the United States Navy.



Softly

A sound, voice, or music that is quiet.

Example: To whisper is to speak *softly*.

Thunder



Photo: Lightning at Saitama, Japan. July, 2008. ©2008-by masaki ikeda. Some rights reserved CC-BY-SA-3.0-2.5-2.0-1.0 (www.creativecommons.org/licenses/by-sa/3.0).