

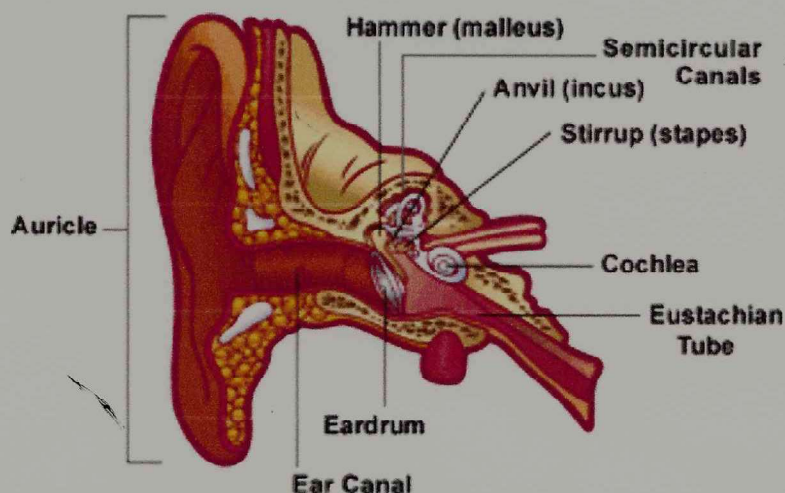
Sound of Science

Ear Worksheet

Grades 6

Note: Write your answers on the Google doc provided.

Students will learn the anatomy of the ear and how vibrations (sound waves) are converted into electrical impulses and sent to the brain.



Fun Facts!

The fluid in the cochlea helps us keep our balance. If the fluid is blocked we feel dizzy.

Ear wax protects and helps clean the ear and keeps bad things out.

Two parts of the body are needed to hear sound, the ear and the brain.

1. In addition to the outer ear, what are the other two sections of the ear? _____ & _____.
2. What is the name of the outer part of the ear that catches sound waves like a funnel?
 - A. The tentacle
 - B. The clavicle
 - C. The popsicle
 - D. The auricle
 - E. The unicycle
3. What is the name of the thin stretched membrane (skin) that divides the outer ear from the middle ear?
4. What are the nicknames of the three tiny bones in the middle ear that are vibrated with sound waves hit the eardrum? _____
5. Inside the inner ear is a tiny fluid-filled tiny tube called the _____.
6. The cochlea is lined with tiny hairs called _____.
7. TRUE OR FALSE:
The Erie Canal is shaped like a giant ear. _____