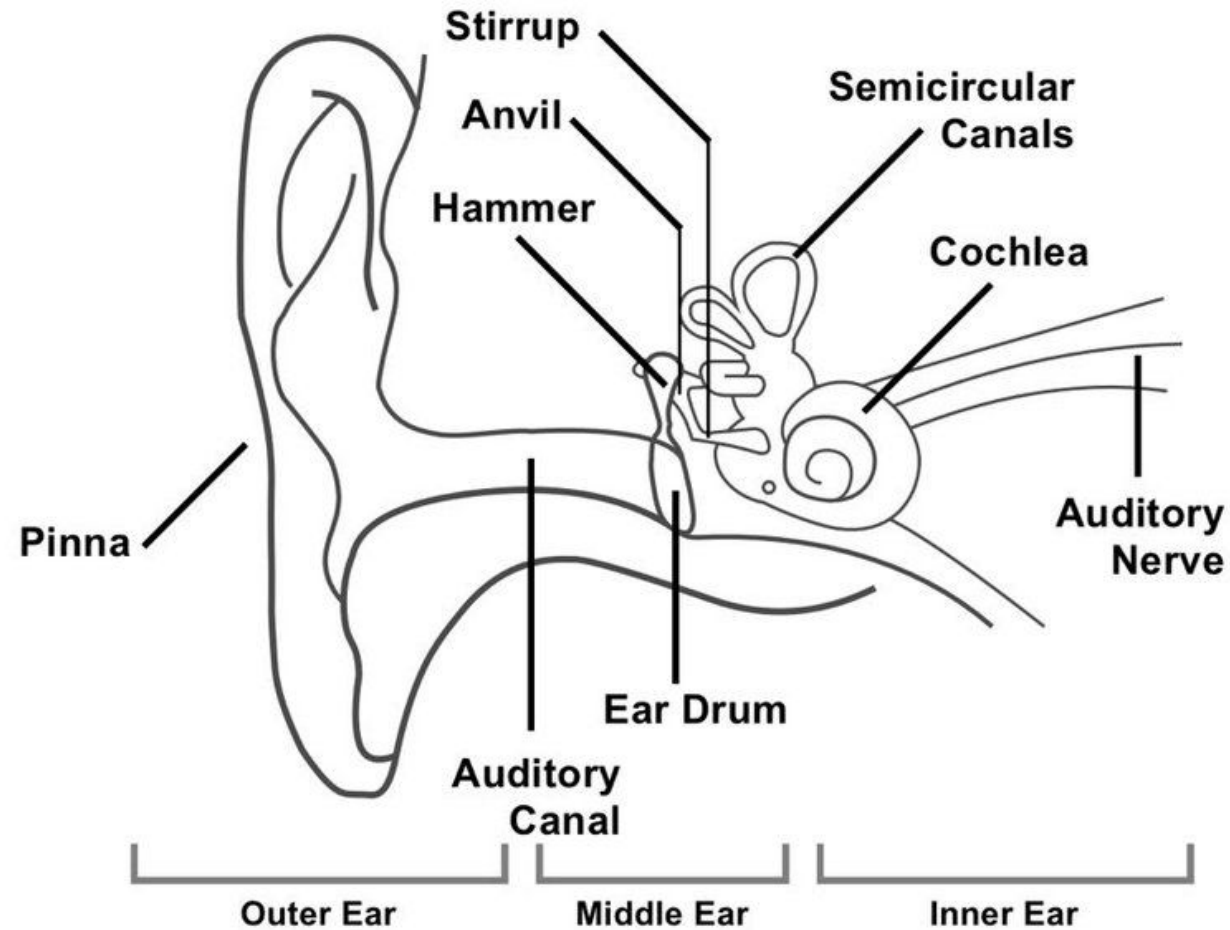




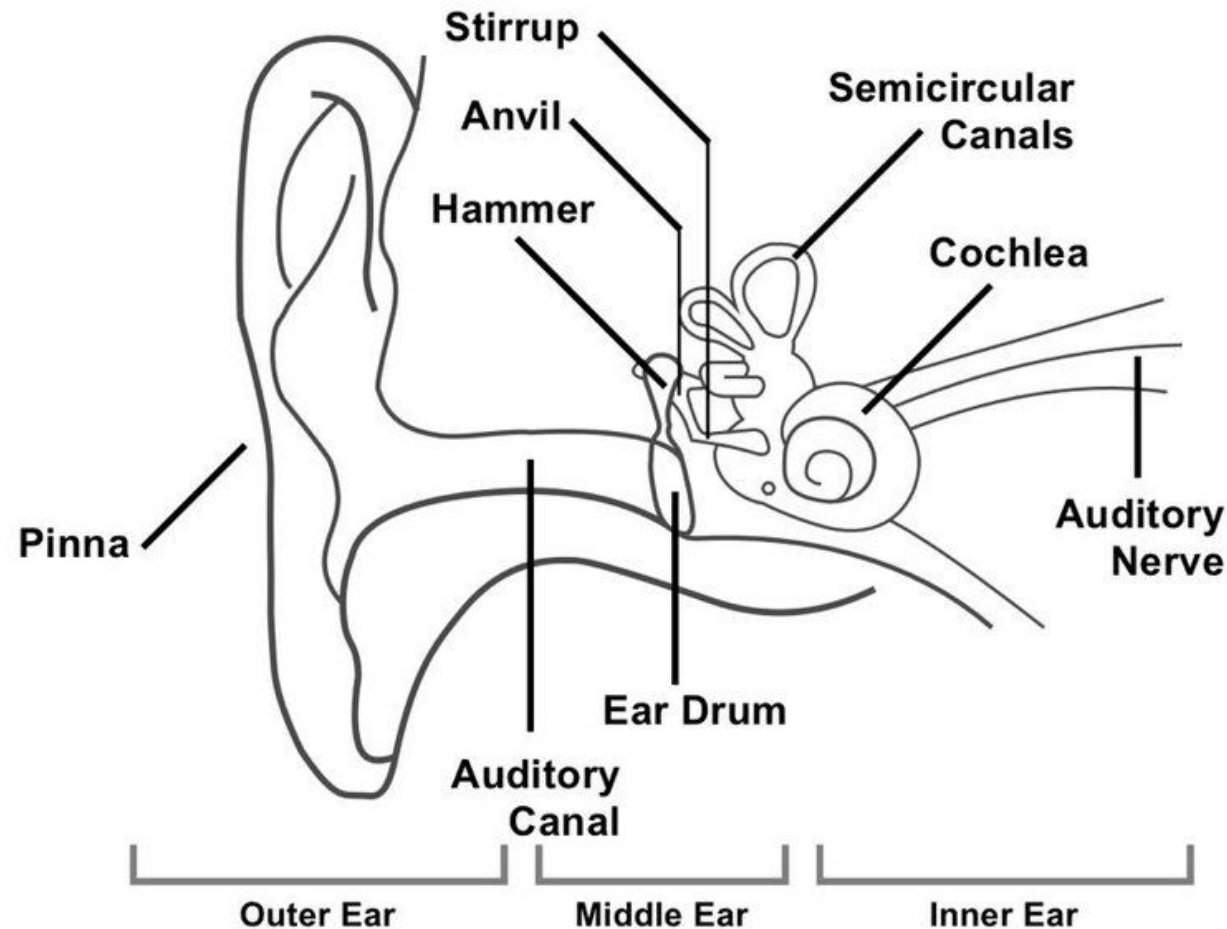
Hearing

You will:
Study the structure of ear

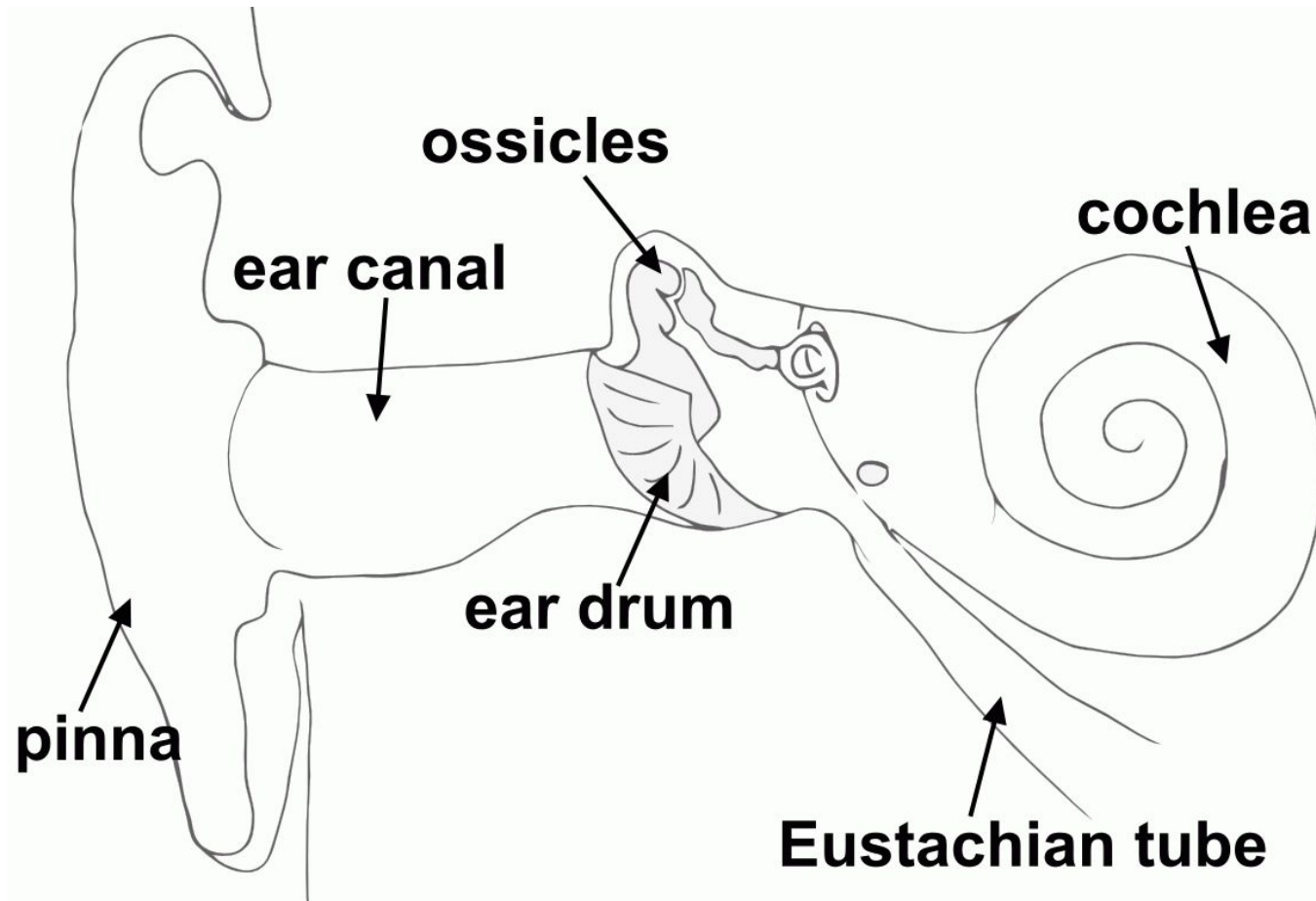
- We hear with our ears. Ear consist of three parts: **outer** ear, **middle** ear and **inner** ear.



- **Outer ear** consists of external **pinna** and the **ear canal**.
- **Pinna** collects the waves and sends them to the **ear canal**. There sound waves hit the **eardrum**.



- In the **middle ear** there are **three bones**. They accept vibrations from the eardrum and send to the inner ear.
- Also, middle ear has **Eustachian tube**. It connects ear and pharynx. This tube equalizes the pressure inside and outside of the eardrum.



- The **inner ear** consists of **cochlea** and **semicircular canals**. There are special receptors in the cochlea. They send information from sound vibrations to the brain.

