

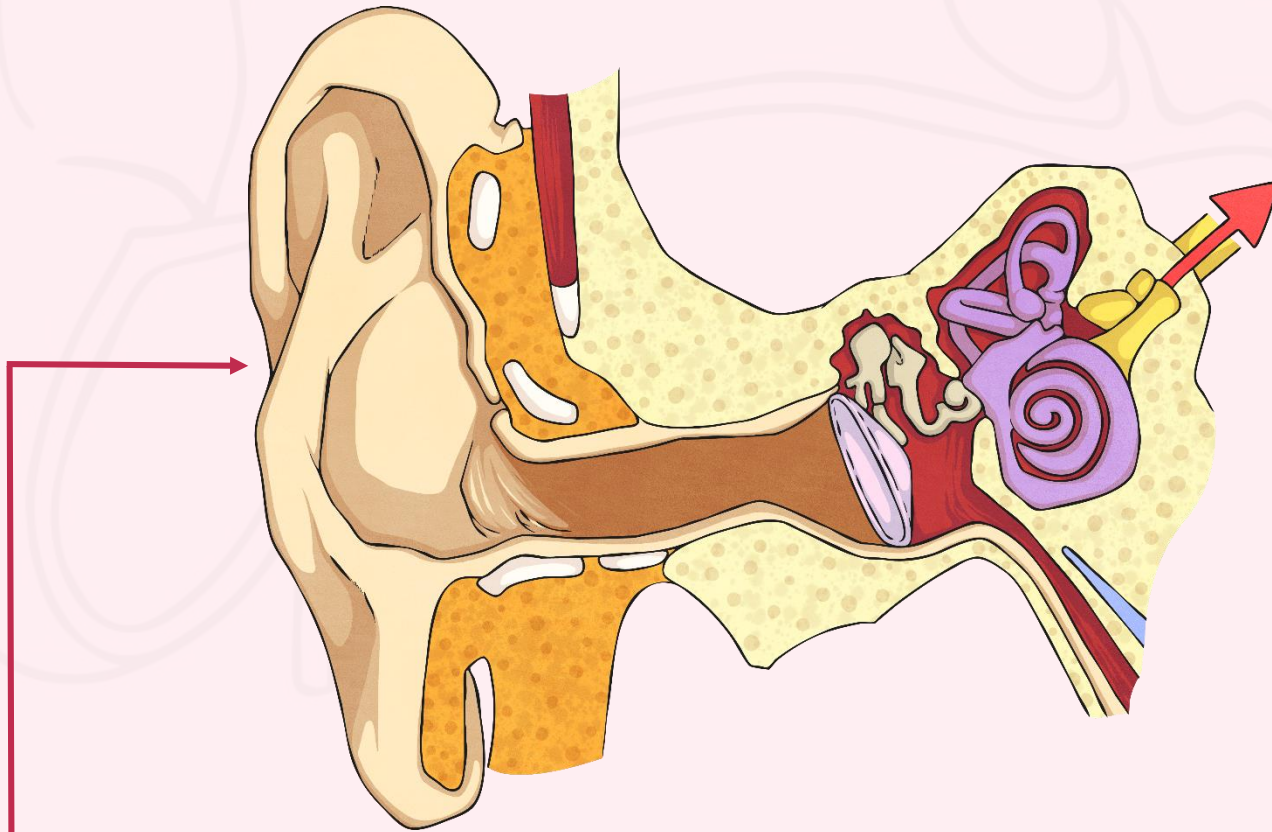
The Human Ear

Parts of the Ear
and Their Functions

twinkl

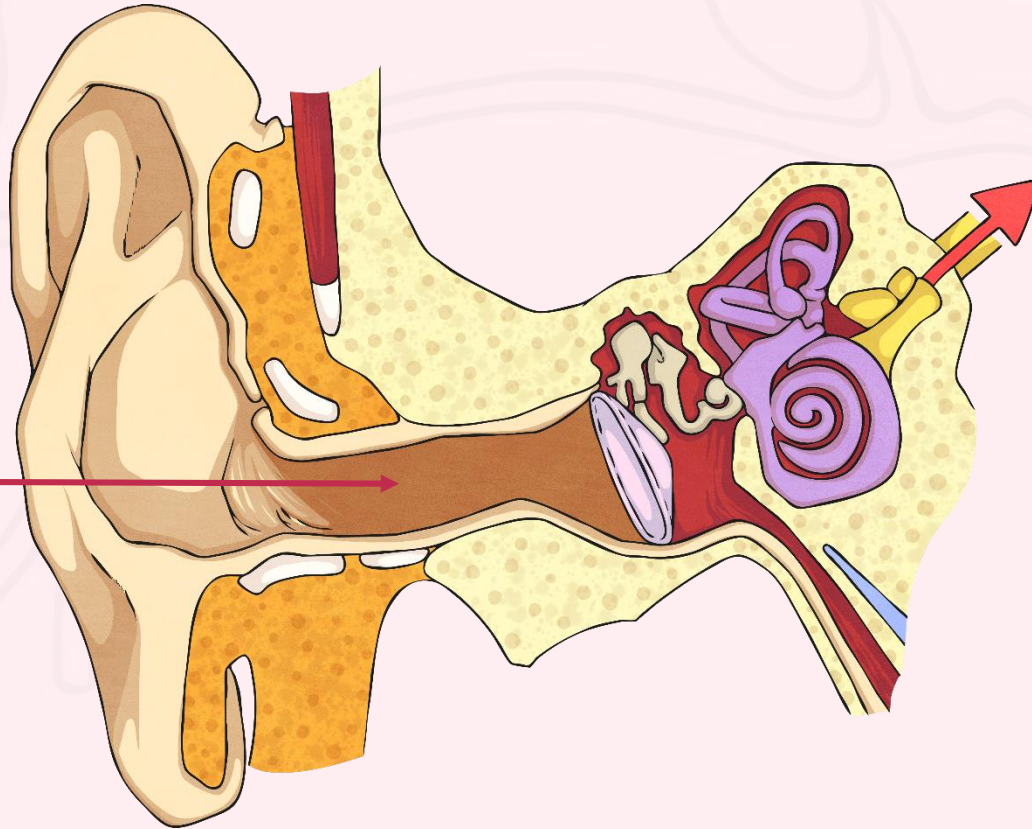


Pinna



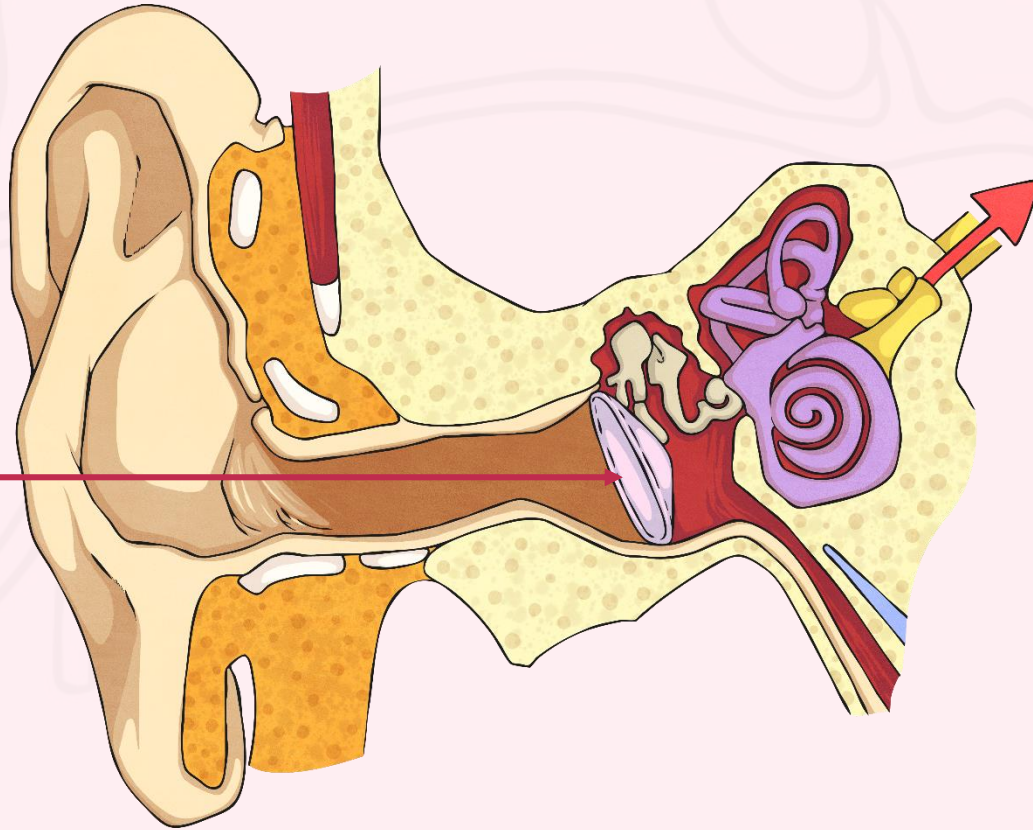
The **pinna** is made of cartilage covered by skin.
It funnels sound into the ear canal.

Ear Canal



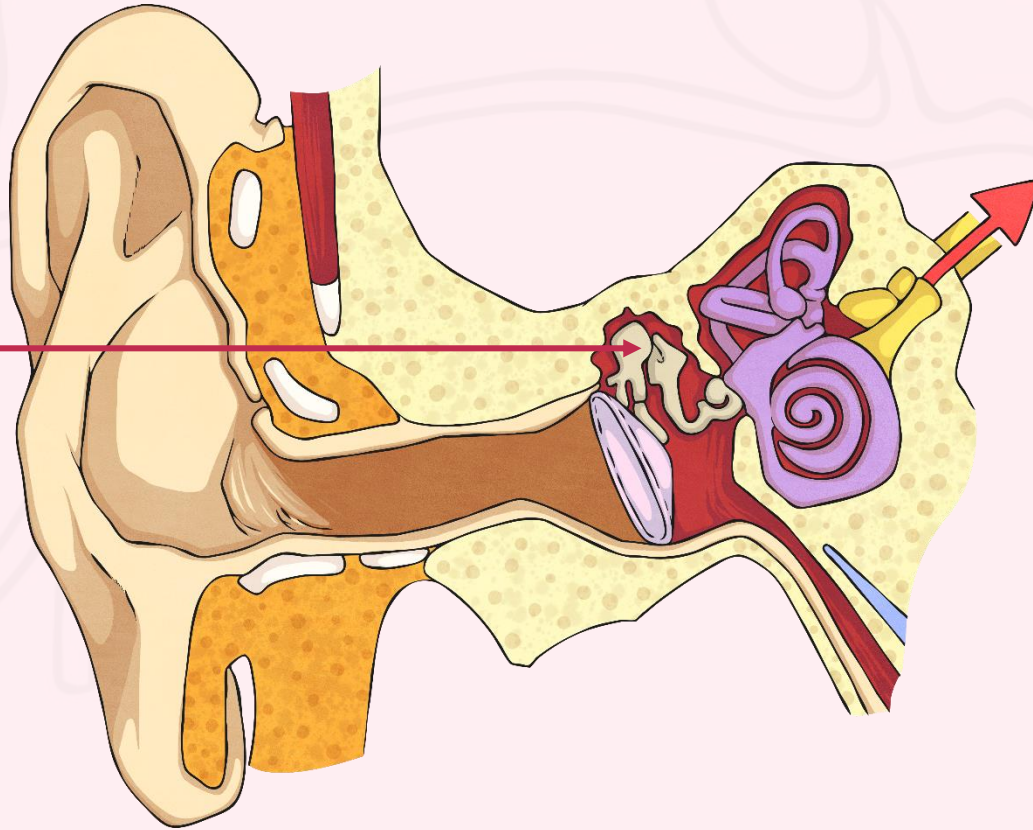
The **ear canal** is a short tube that transmits sound from the pinna to the eardrum.

Eardrum



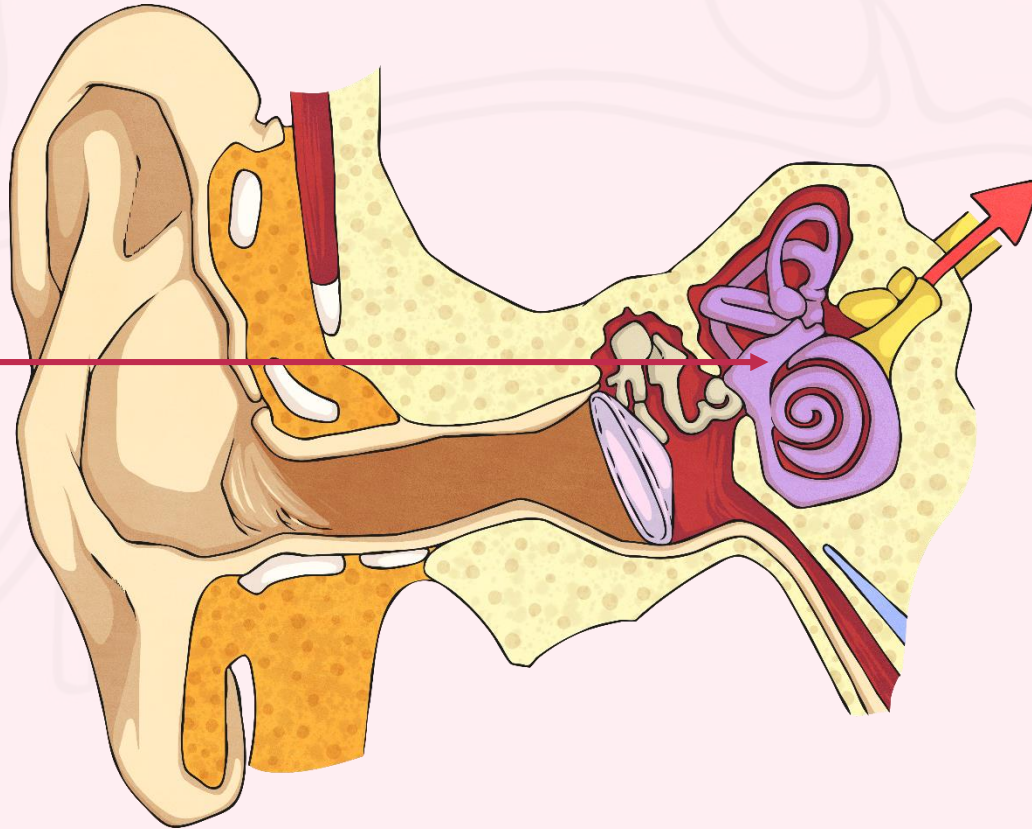
The **eardrum** is a thin, tough layer of tissue at the end of the auditory canal. Sound waves make the eardrum vibrate.

Ear Bones



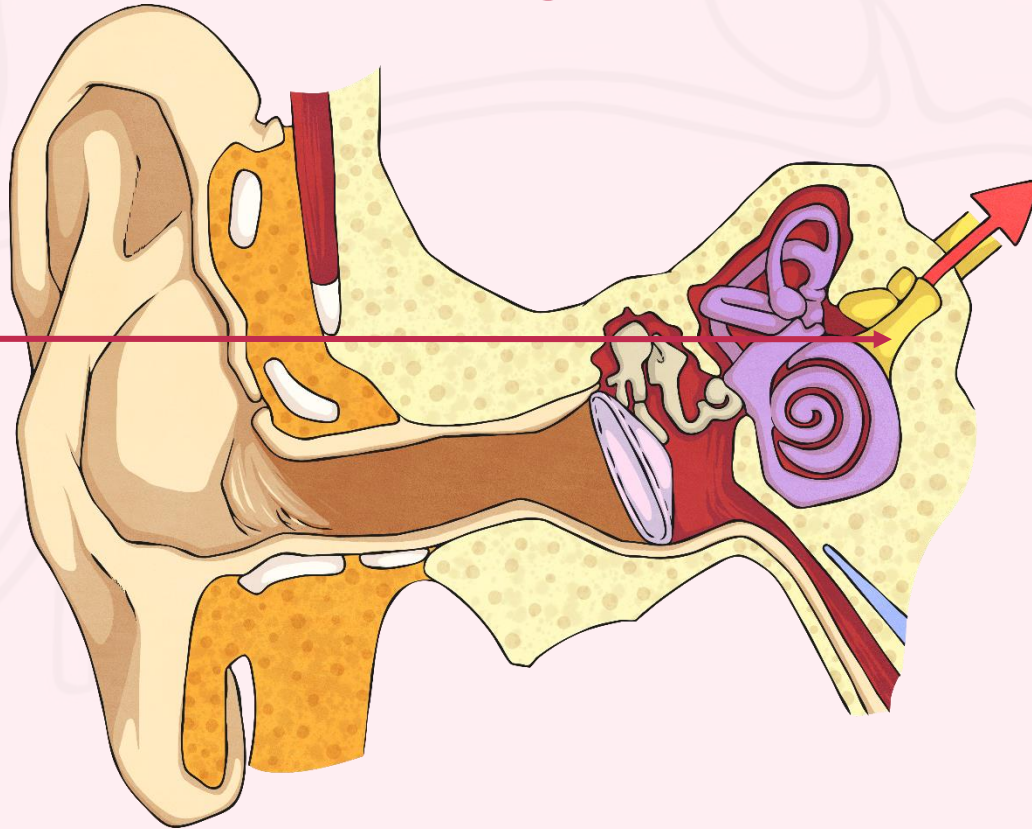
Ear bones, or ossicles, are three tiny bones that amplify and transmit the vibrations from the eardrum to the cochlea.

Cochlea



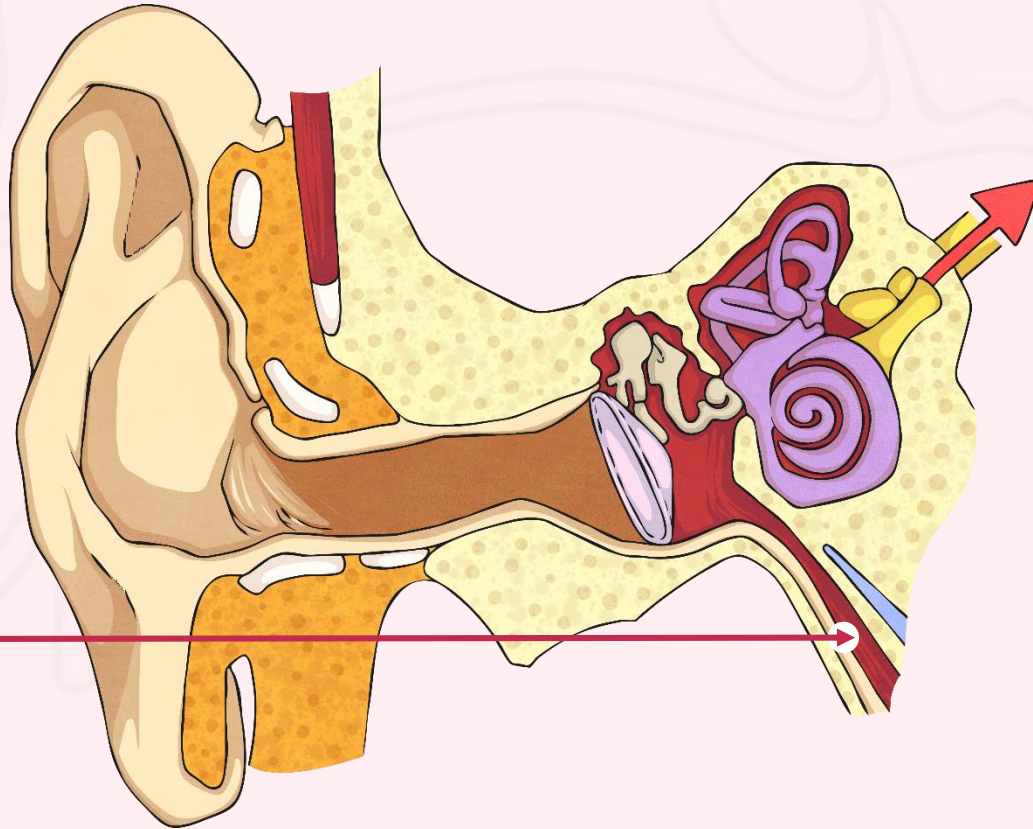
The **cochlea** is an organ filled with fluid. Receptor cells change vibrations in the fluid into electrical impulses.

Auditory Nerve



The **auditory nerve** contains sensory neurons that send information to the brain for processing.

Eustachian Tube



The **Eustachian tube** connects the middle ear to the nasal cavity.
It regulates the pressure within the ear.