

# **Ears and Hearing Protection**

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# Vocabulary

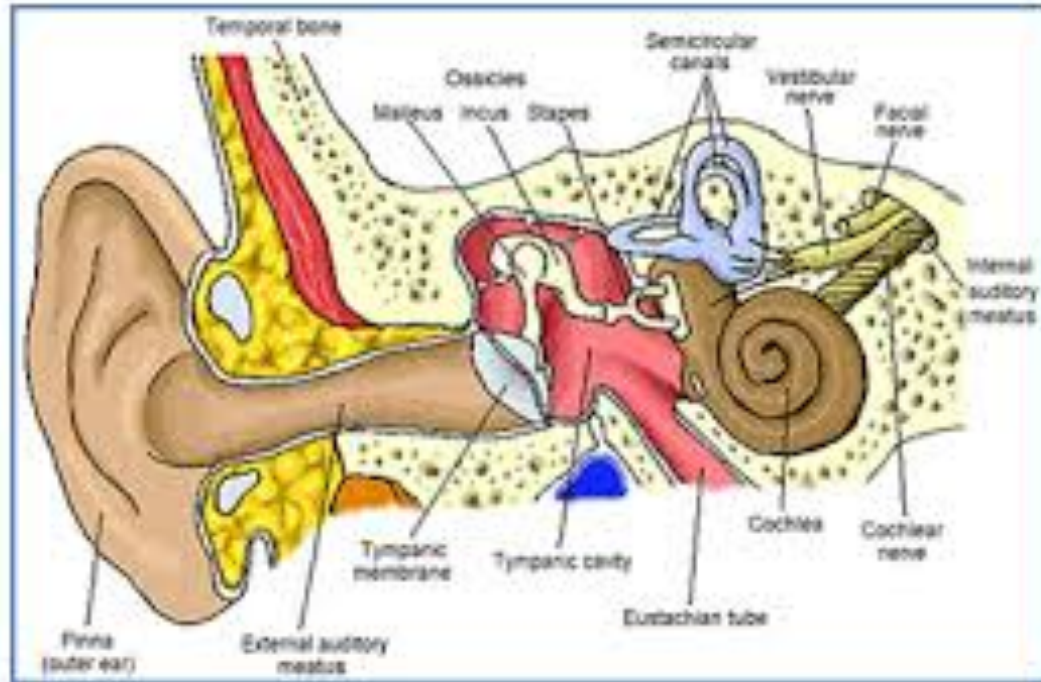
External auditory canal- a passageway about one inch long that leads to the remaining portion of the outer ear, the eardrum.

Auditory ossicles- three small bones linked together that connect the eardrum to the inner ear.

Labyrinth- the inner ear.

Tinnitus- a condition in which a ringing, buzzing, whistling, roaring, hissing, or other sound is heard in the ear in the absence of external sound.

# Diagram



# YouTube Video

[https://m.youtube.com/watch?  
v=HMxoHKwWmU8](https://m.youtube.com/watch?v=HMxoHKwWmU8)

# Functions of the Parts

Sound funnels through the pinna into the external auditory canal, a short tube that ends at the eardrum (tympanic membrane). Sound causes the eardrum and its tiny attached bones in the middle portion of the ear to vibrate, and the vibrations are conducted to the nearby cochlea.