

[Human ear - structure & working | Sound | Physics | Khan Academy - YouTube](https://www.youtube.com/watch?v=koYw5Jh76LI)

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The auditory system consist of 2 parts:

1) Ears

2) Brain

The ears job is to convert the sound energy to neural signals and the brain must process these signals.

The Human Ear

Pinna - is located on the outside of your head. (outer ear)

It is what we see as the ear.

Made of skin and cartilage.

Directs sound to the brain



Ear Canal - short tube that direct sound to the eardrum.

- Ear wax is formed in the tube to protect the eardrum from dirt or bugs.

Eardrum - a thin membrane that vibrates in response to sound.

- Eardrum will vibrate at the same frequency as the sound coming in. It makes a small bone in the air vibrate at the same frequency.

