

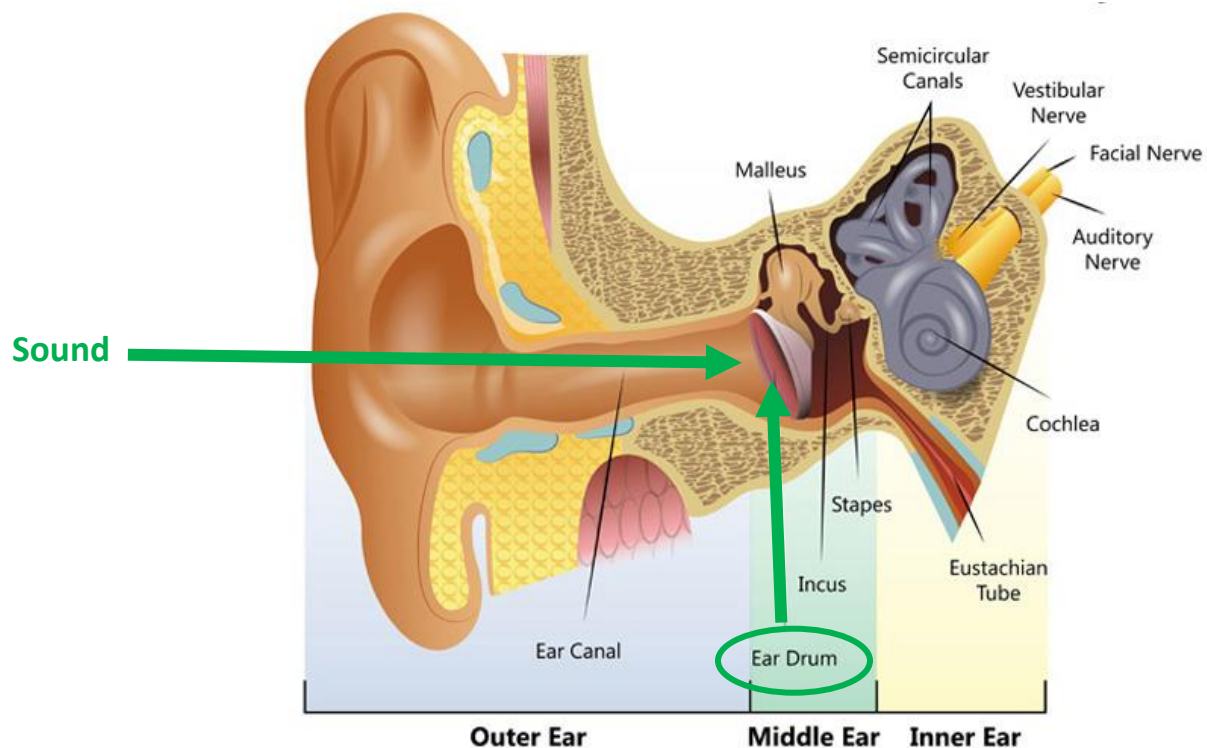
Exploring Sound 12: The Human Ear

The human ear is a complex and sensitive organ.

It works much the same way as a microphone except that the output doesn't go down an electrical wire. The output is a nerve signal to your brain. Your brain then interprets what is being sensed. This is considerably more complicated.

Microphone sound → membrane → vibrates in response → electrical signal

Ear sound → ear drum → vibrates in response → nerve signal



www.hearinglink.org/your-hearing/about-hearing/how-the-ear-works/

Here's a kids video that shows how the ear works

<https://www.youtube.com/watch?v=HMXoHKwWmU8>

This video from Crash Course gives a brief review of what sound is and then a more complex explanation of what your ear does: <https://www.youtube.com/watch?v=le2j7GpC4JU>