



Drag the correct words to its definition below.

inner ear

sound vibrations



d) Created in the air when things move.

ear canal



e) One-inch long tube that leads into the head.

f) The deepest part of our ear.



We hear sound when movement — like a door slamming — stirs the air around us and makes **vibrations** in the air. These vibrations move into our ears. They travel inside our head and are turned into **electrical signals**. These signals are sent to our brain, and a message telling us what the sound means is made. Sound waves travel very fast. This means we understand what we hear as soon as we hear it.



Why are sound vibrations important for hearing?

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Parts of the Ear



**Stirrup,
Hammer
and Anvil**

Cochlea

Nerve Cells



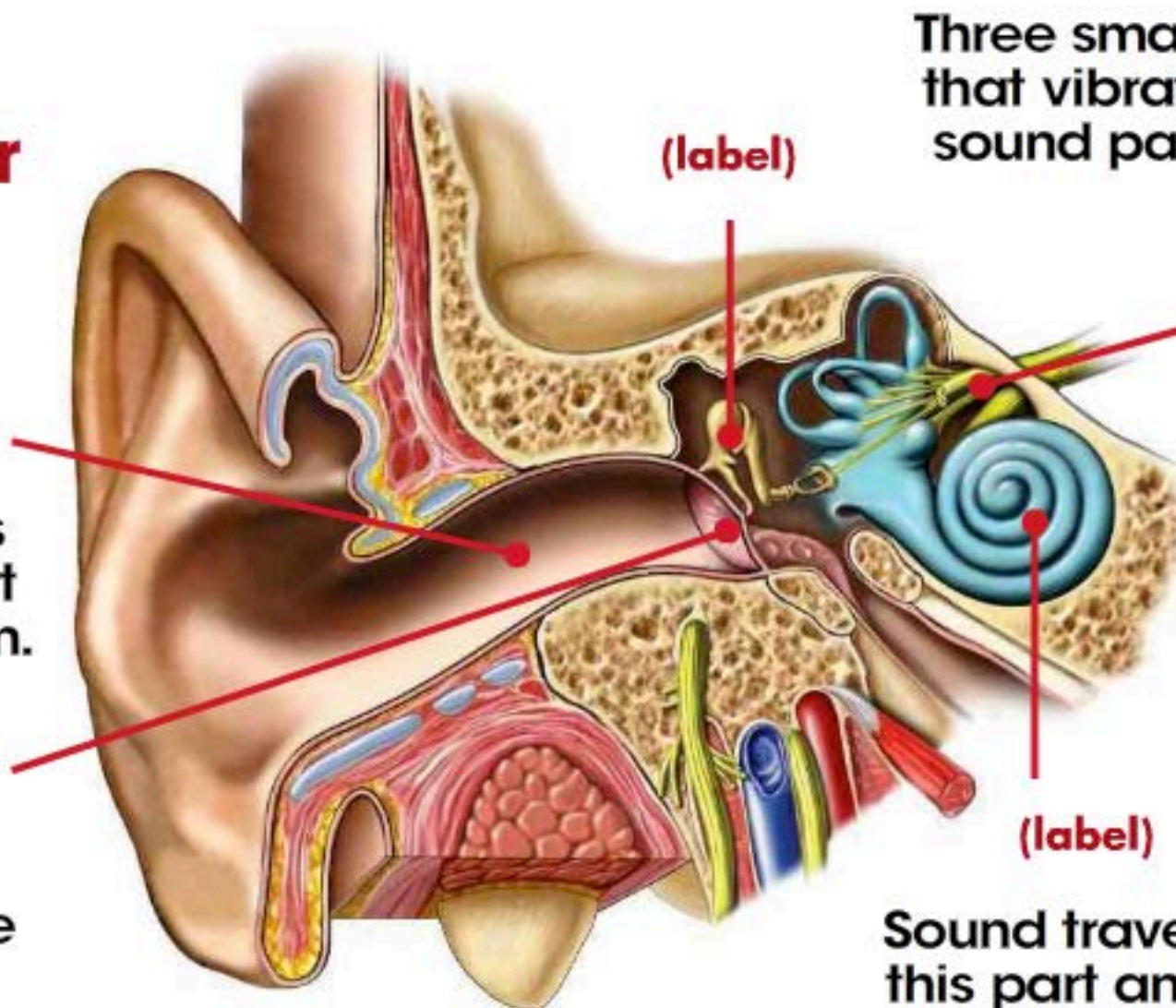
Outer Ear

Ear Canal

Sound travels down this part to the eardrum.

Eardrum

This part increases the power of the sound.



Three small bones that vibrate when sound passes by.

(label)

Sound is turned into electrical signals and sent to the brain.

Inner Ear

(label)

Sound travels into this part and over the nerve cells.



Reset