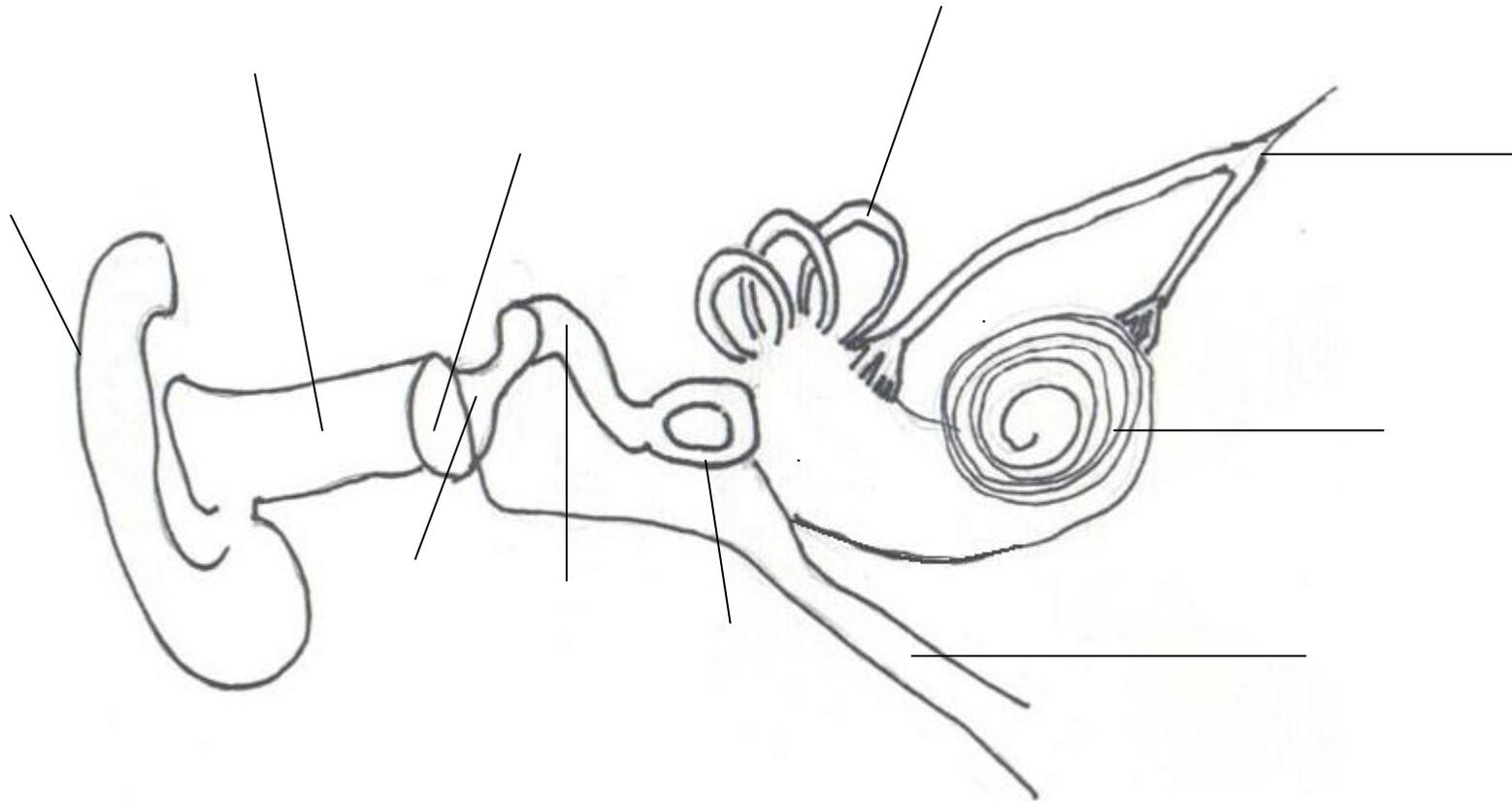


Describe the functions of the major parts of the ear.

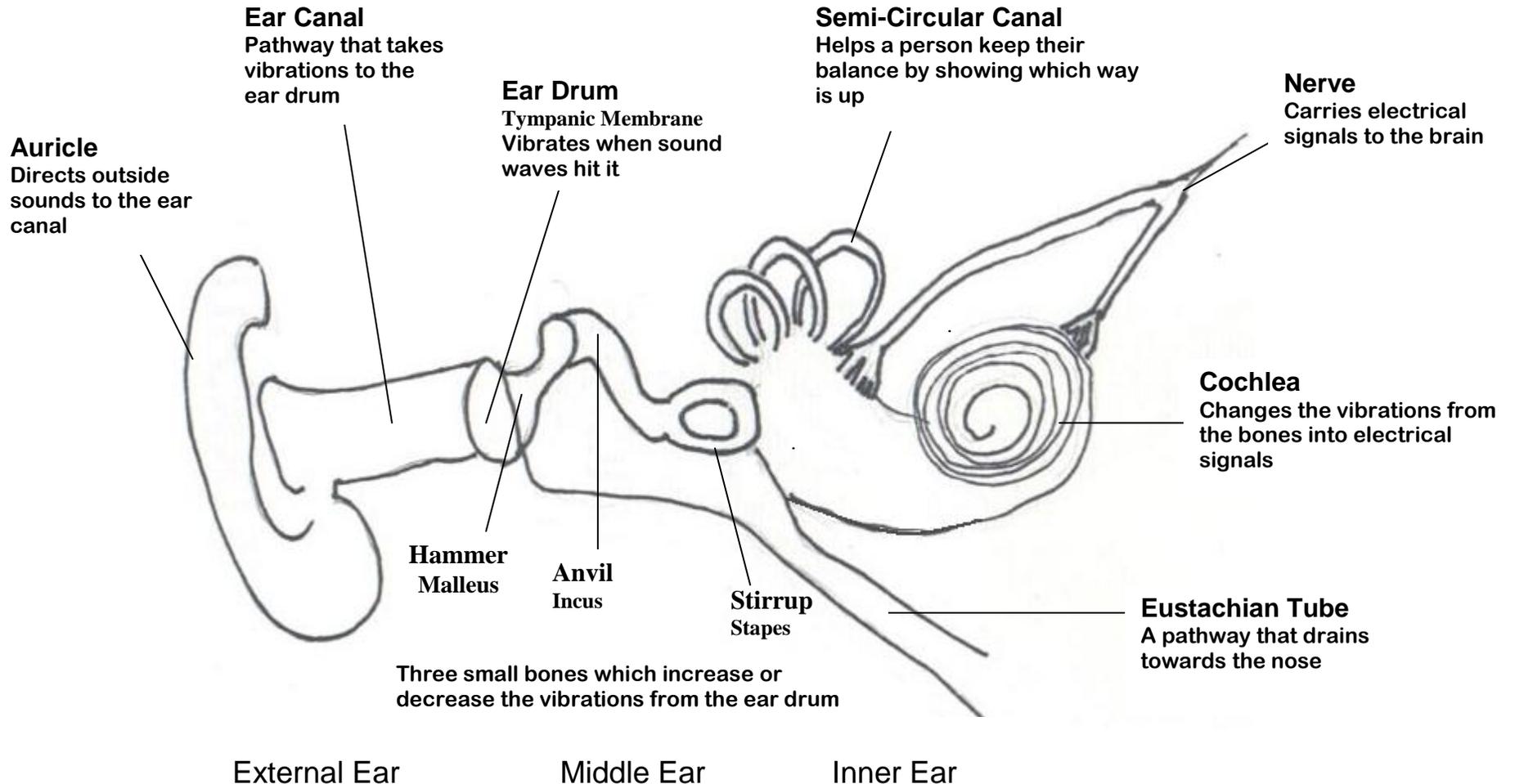


External Ear

Middle Ear

Inner Ear

Describe the functions of the major parts of the ear.



*Use a tuning fork on the forehead and on the skull behind the ear to demonstrate conduction hearing. As an alternative, place your finger on your forehead, and very lightly tap it with a different finger. For comparison, move the finger half an inch off the forehead and repeat. Notice how much bone conduction increased the sound.*

## Human Anatomy11 Information Pieces

<p><b>Auricle</b> HA-11</p>	<p><b>Anvil</b> <b>Incus</b> HA-11</p>
<p><b>Directs outside sounds to the ear canal</b> HA-11</p>	<p><b>Stirrup</b> <b>Stapes</b> HA-11</p>
<p><b>Ear Canal</b> HA-11</p>	<p><b>Hammer</b> <b>Malleus</b> HA-11</p>
<p><b>Pathway that takes vibrations to the ear drum</b> HA-11</p>	<p><b>Cochlea</b> Changes the vibrations from the bones into electrical signals HA-11</p>
<p><b>Ear Drum</b> <b>Tympanic Membrane</b> HA-11</p>	<p><b>Semi-Circular Canal</b> Helps a person keep their balance by showing which way is up HA-11</p>
<p><b>Vibrates when sound waves hit it</b> HA-11</p>	<p><b>Nerve</b> Carries electrical signals to the brain HA-11</p>
<p><b>Eustachian Tube</b> HA-11</p>	
<p><b>A pathway that drains towards the nose</b> HA-11</p>	
<p><b>Three small bones which increase or decrease the vibrations from the ear drum</b> HA-11</p>	

*To Make Your MatchCard more durable:*

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*