

# Challenge



Match the part of the ear with its description.

pinnae	sends signals to the brain
ear canal	directs sound waves into the ear canal
eardrum	a small flap of skin that vibrates
hammer and anvil	vibrates and passes sound to the inner ear
stirrup	small bones that vibrate to pass the sound on
semi-circular canals	helps with our balance
auditory nerve	sends sound waves into the middle ear
cochlea	a snail-shaped chamber filled with liquid



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# Challenge



Describe each part of the ear.

Ear Part	Description
pinnae	sends sound waves into our ear canal
ear canal	sends sound waves to the middle ear
eardrum	a small flap of skin which vibrates like a drum when sound waves hit it
hammer	a small bone that vibrates when the eardrum is hit
anvil	a small bone that is hit by the hammer, causing it to move
stirrup	the smallest bone in the body, which moves when the anvil moves and passes the vibration to the inner ear
cochlea	a snail-shaped chamber full of liquid, where waves occur in the liquid when the stirrup hits it
semi-circular canals	full of liquid and helps with our balance
auditory nerve	hairs on the auditory nerve sense the liquid in the cochlea moving and send signals to the brain.



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