

Research Task- Ear Anatomy & Function

Complete the following table:

Anatomy	Outer, middle or inner ear?	Function
Auricle	Outer	Acts as a funnel to the ear canal
Ear Canal	Outer	Entry way for sound waves
Eardrum	Outer	Transmits sounds that hit it into the inner ear
Ossicles	Middle	Three bones (hammer, anvil and stirrup) that assist in transmitting sound to the cochlea
Oval Window	Middle	Passage from the middle ear to the inner ear
Semicircular Canals	Inner	Moves hairs that send signals to the brain to help keep balance
Cochlear	Inner	Moves hairs attached to receptor cells that send messages to the brain through the auditory nerve
Auditory Nerve	Inner	Sends sound signals from the cochlea to the brain
Eustachian	Inner	Balances pressure between the middle air and the atmosphere