

EAR

A. Label the parts of the ear using the following terms.

1. Cochlea
2. Semicircular canals
3. Incus (anvil)
4. Malleus (hammer)
5. Pinna
6. External auditory meatus
7. Tympanum (eardrum)
8. Stapes
9. Round window
10. Eustachian (auditory) canal
11. Oval window
12. Cochlear branch VIII nerve
13. Vestibular branch VIII nerve
14. Vestibule

B. Match the function with the parts of the ear.

- A. Contains organ of Corti B. Dynamic equilibrium C. Picks up sound waves from malleus and transmits to stapes D. Picks up sound waves from the tympanic membrane and transmits to incus E. Collects and directs sound into ear canal F. Conducts sound waves to eardrum G. Vibrates in response to sound waves and transmits vibrations to malleus H. Transmits sound waves to Perilymph through oval window I. Absorbs the pressure of waves at the end of scala tympani J. Equalizes pressure on both sides of eardrum K. Static equilibrium L. Entrance window of the cochlea M. Conducts equilibrium sensory impulses to the brain N. Conducts hearing sensory impulses to the temporal cortex.

C. Identify the above parts of the ear in the models and the filmstrips.

