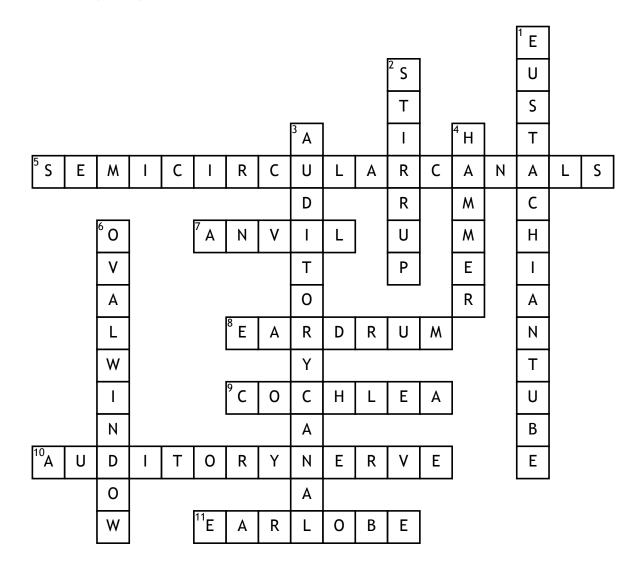
Name: Date:

Sensory System: Ear Structures & Functions



Across

- **5.** liquid filled tubes that are responsible for balance
- **7.** lets sound waves pass through to the inner ear
- **8.** separates the inner ear from the outer ear, and picks up the sound wave vibrations
- **9.** the hearing organ that changes sound waves into neural impulses that end up as sound in our brain
- **10.** changes the vibrations from the hair into nerve impulses that are sent to the brain

11. funnels sound into the ear

<u>Down</u>

- 1. lets air in to keep the pressure equal on both sides of the eardrum
- 2. transmits sound waves to the inner ear making waves in the fluid in the cochlea
- **3.** the area where sound travels through to the eardrum from the outer ear
- **4.** concentrates the sound waves as they pass from the eardrum to the cochlea
- 6. where sound passes into the cochlea