

*Cut out the statements below. Then reorder the statements into the correct order starting with the title. Glue these into your notebook.*

## TITLE: PATH OF SOUND THROUGH THE EAR

### MIDDLE EAR – OVAL WINDOW

- ❖ This membrane is vibrated by the earbones

### OUTER EAR – AUDITORY CANAL

- ❖ Canal that carries sound waves to the eardrum

### OUTER EAR – PINNA

- ❖ Funnel-shaped flap that directs sound waves into the auditory canal

### INNER EAR – COCHLEA

- ❖ This is a spirally coiled tube containing fluid and the actual organ of hearing (the Organ of Corti)
- ❖ Each Organ of Corti contains thousands of sensitive hairs that are vibrated by sound waves
- ❖ The hairs initiate nervous impulses in the Auditory Nerve which carries messages to the brain

### OUTER EAR – EARDRUM

- ❖ A thin membrane that is vibrated by sound waves
- ❖ Also called the tympanic membrane

### MIDDLE EAR – 3 EARBONES OR OSSICLES

- ❖ These are called the Hammer, the Anvil and the Stirrup
- ❖ They are the smallest bones in the human body
- ❖ The eardrum vibrates, and this vibrates the hammer, then the anvil and the stirrup one after another
- ❖ The stirrup then vibrates the Oval Window