## **Anatomy and Function of The Human Ear**





Anatomy and Function of The Human Ear Instructions for building the model



- (1) Print all parts onto thin card (or print onto paper and glue to thin card)
- (2) Push the tabs **B** of Part 2 through the larger hole **A** in the back board.
- Apply glue to the glue zone **B** (it may be useful to use an extra sheet to avoid applying glue to the back board) Stick the Bell (Part 4) onto zone **B** (there is no need to align at any particular angle as this will rotate)
- (3) Score the valley fold (B) of Part 6 and then mount onto the wheel Part 1, by pushing flaps (3) through slot (6)
- (4) Then push flaps (2) through the hole (2) in the washer (Part 5). Fold over Part 6, but do not glue yet.
- (5) Push flaps **D** of Part 3 through the back of hole **A** on the base board.
- (6) Line up Part 3 on the back of the base board with the connecting rod, Part 6 as indicated. Glue Part 3 to Part 6 and then fold over the flap of Part 6 and glue in the zone indicated to complete the connecting rod
- 7 Apply glue to the glue zone **D** on Part 3 and stick Part 2 (the ossicles and typmanic membrane) onto these. The positoin is maked on Part 3 but may be hard to see. As a rough guide, when the connecting rod at the back (Part 6) is horizontal, the tympanic membrane should be vertical.

The model should now be complete. It can be coloured and annotated as necessary.



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