

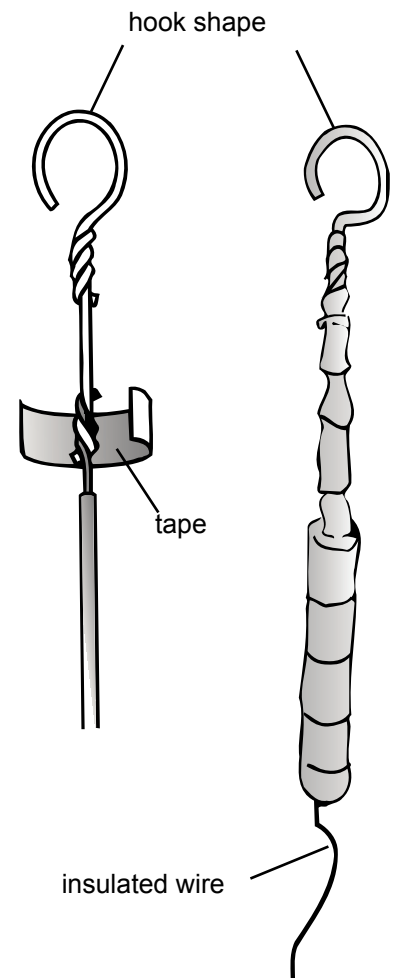
STEADY HAND GAMES

1. Build a platform out of wood, cardboard or correx to support your shape.



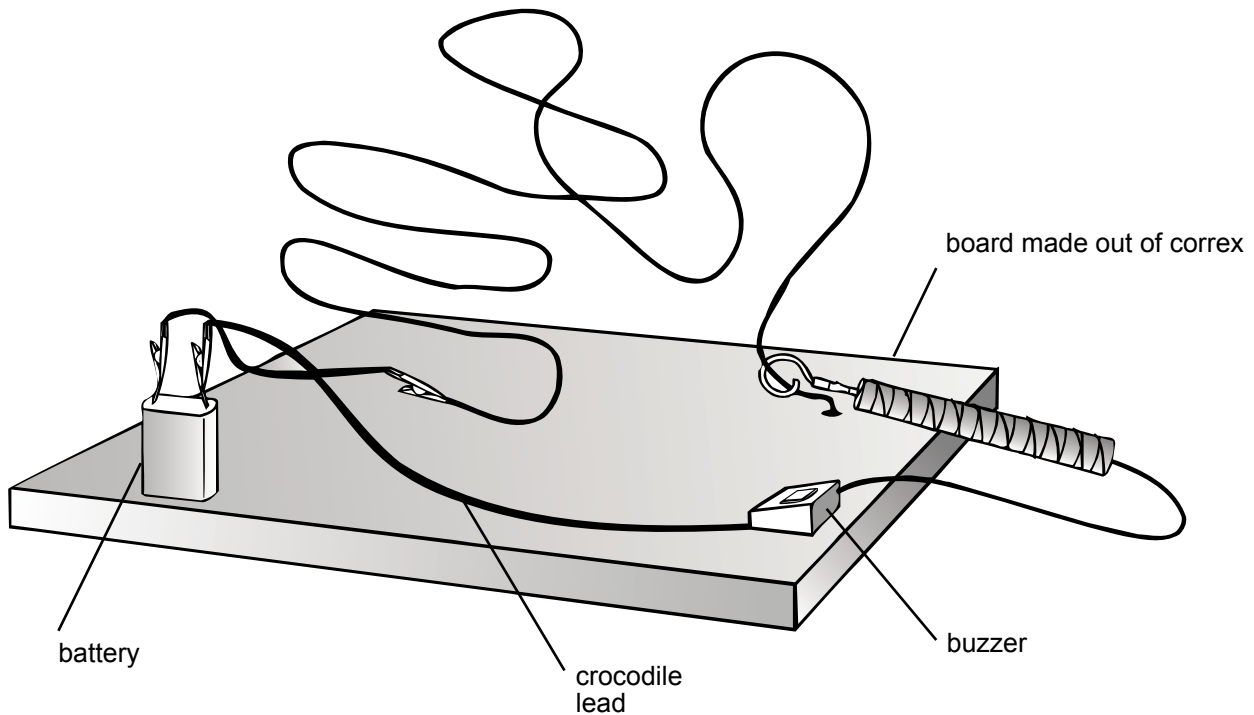
2. Bend the metal wire into a suitable shape and attach both ends to the board.
3. Connect one end of your wire shape to a crocodile lead.
4. Connect this crocodile lead to a battery and connect the battery to the buzzer.

5. To make a handle, bend a small length of metal wire into a hook shape. Twist the other end of the wire around a stripped end of insulated wire then tape together. Cover the whole of your handle with insulating tape.



STEADY HAND GAMES

6. Attach the end of the insulated wire hook to the buzzer.



7. Close your partly opened hook around the wire of your shape. What happens if the wire hook touches the wiggly wire?
8. Can you explain why the buzzer sounds when the wire hook touches the wiggly wire?

IDEAS TO INVESTIGATE

- Can you build a switch for your circuit?
- Can you change your shape to make the game more difficult - but not impossible!