

DESIGN TECHNOLOGY · Y4–Y6

Electrical Lighthouse Project

KS2 DT — circuits and making

Circuit reminder

What you need for a complete

- 1. POWER SOURCE: battery or battery pack
- 2. WIRES: connecting everything
- 3. BULB: the component that lights up
- 4. SWITCH: opens and closes the circuit
- 5. SERIES CIRCUIT: everything connected in one loop
- The switch BREAKS the circuit when open → no current → light off
- The switch CLOSES the circuit when pressed → current flows → light on



