

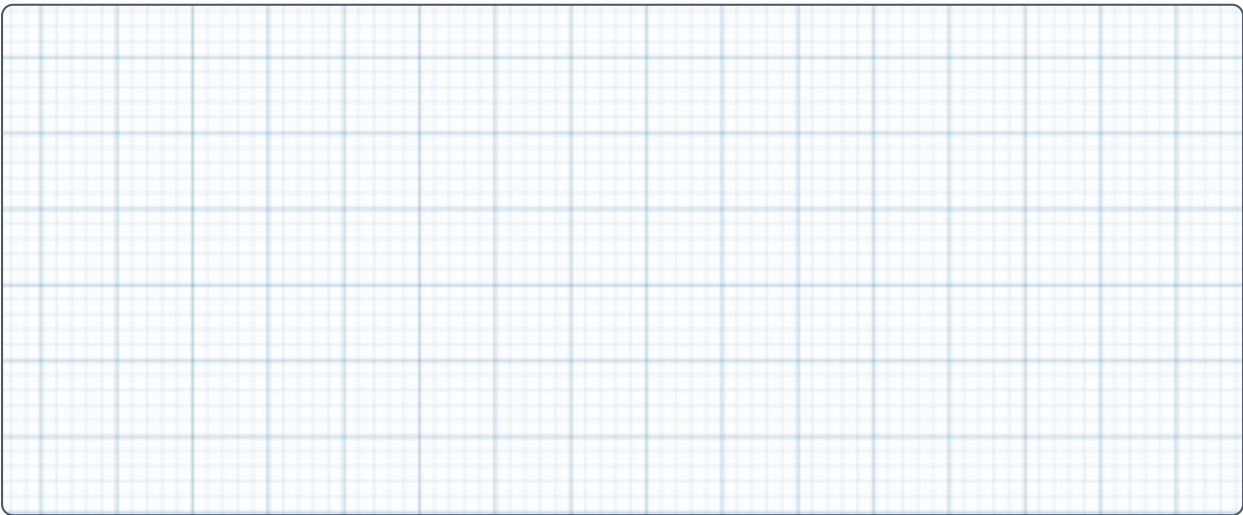
Building a Circuit

Make it light up

Electricity flows in a complete loop. Build a working circuit, then show how the parts work together and where the energy changes form.

Only use the low-voltage cells and globes provided. Never use electricity from a wall socket.

Q1. Build a circuit that lights a globe, then add a switch. Draw your circuit using the correct symbols for the cell, globe and switch.



Q2. Name each circuit component and its job.

Component	Its job
Cell	
Wires	
Switch	
Globe	

Q3. What happens when you open the **switch**? Why?

Q4. In the globe, electrical energy changes into two other forms. Name them and describe this **energy transformation**.