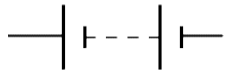
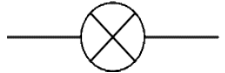


Cell



Battery



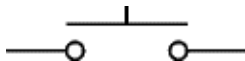
Bulb



Buzzer



Motor



Push switch



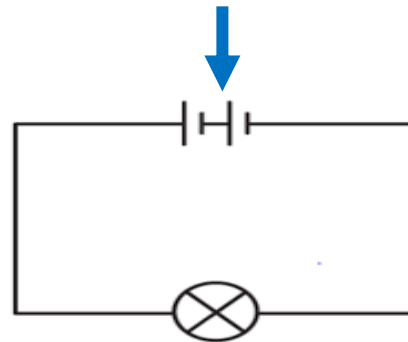
Simple switch



Wire

Michael Faraday (a Victorian scientist) invented the electric motor. The design of his motor is still used in generators and turbines today.

How do you make sparks fly?



If you make the wires longer, the bulb will get dimmer. This is because there is more resistance.

If you add more bulbs, the bulbs get dimmer. This is because there is more resistance.

If you add more batteries, the bulbs will get brighter. This is because you have increased the voltage in the circuit.

circuit	A path that an electrical current can flow around.
component	Each individual part of a circuit.
symbol	A visual picture that stands for something else.
cell	A single unit that stores energy as a chemical until it is needed.
battery	A collection of cells that store energy.
current	The flow of electrons, measured in amps.
amps	How electric current is measured.
voltage	The force that makes the electric current move through the wires.
resistance	The difficulty that the electric current has when flowing around a circuit.
electrons	Very small particles that travel around an electrical circuit.