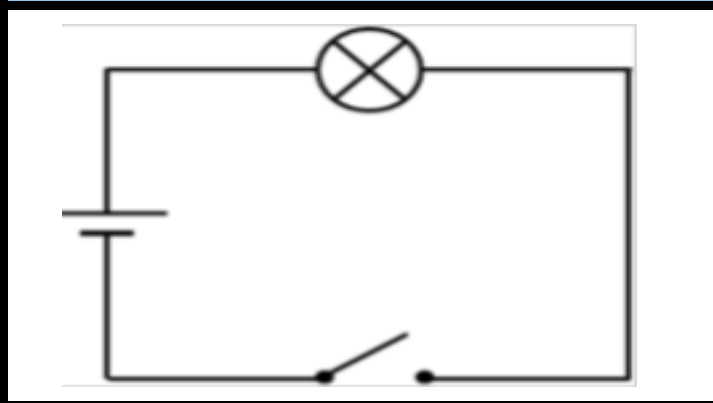




Electrical Symbols

	Bulb
	Motor
	Wire
	Buzzer
	Open switch
	Battery

A scientific diagram with an open circuit:



Vocabulary you will know...

Circuit	A complete route which an electrical current can flow around.
Cell	A device used to generate electricity.
Battery	A small device that provides power for electrical items.
Wire	A long thin piece of metal that carries an electrical energy into movement.
Buzzer	An electrical device that makes a buzzing sound.
Motor	A device that changes electrical energy into movement.
Voltage	An electrical force that makes electricity move through a wire, measured in volts (V).



Vocabulary you will hear...

Switch, bulb, circuit symbol, complete circuit

What will I know at the end of the unit?

- The brightness of a bulb is associated with the voltage.
- Increasing the number of cells in a circuit will increase the brightness of a bulb.
- As the number of cells in a circuit is increased the amount of sound the motor produced also increases.
- Use recognised symbols when representing a simple circuit in a diagram.
- Construct simple series of circuits.
- Cells have different voltages. The higher the voltage, the brighter the bulb.



Quiz Corner:



- 1) What will increase the brightness of a bulb?
- 2) What is voltage?
- 3) How can the sound of a buzzer be increased?
- 4) Draw me a scientific circuit that has one bulb and a battery.