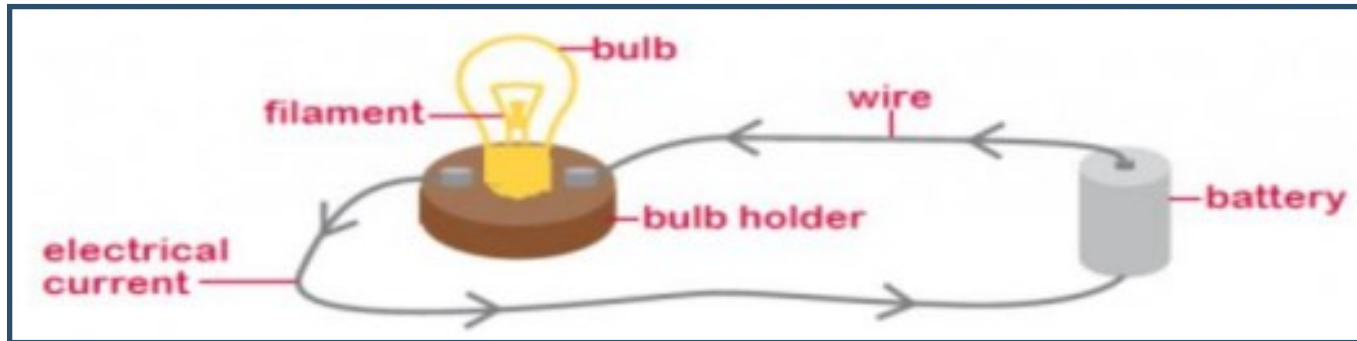


What is an electrical circuit?



Vocabulary	Definition
Appliance	A device that uses electricity.
Bulb	A rounded glass container that produces light.
Cell	A device such as a battery that acts as a power source.
Circuit	A complete path around which electricity can flow.
Component	Parts of a circuit such as cells, switches, bulbs, buzzers, motors and wires.
Conductor	Materials that allow electricity to pass through them easily.
Crocodile Clip	A toothed clip on the end of a wire.
Electricity	A form of energy that can give things the ability to move or work.
Experiment	A test of an idea or question.
Insulator	Materials that do not allow electricity to pass through them easily.

Electricity is used to power numerous household appliances, for example laptops, TVs, fridges, microwaves, toasters, ovens and lights/ lamps. Life would be very different without it!



Electricity can be extremely dangerous if it is not used safely. It can cause burns, shocks, serious injury and (in extreme cases) even death.

There are many electrical dangers, both in the home and outdoors.

Electricity can be created in a number of different ways, for example:

- Burning fossil fuels (oil, gas, etc.) in power stations;
- Using solar power generated from the sun;
- Using wind power from wind turbines;
- Using water power (hydropower).

