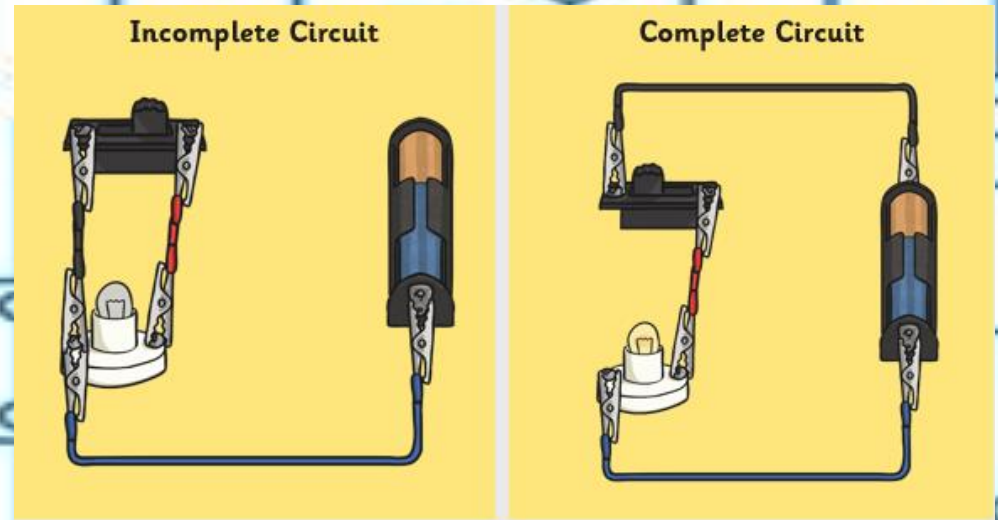
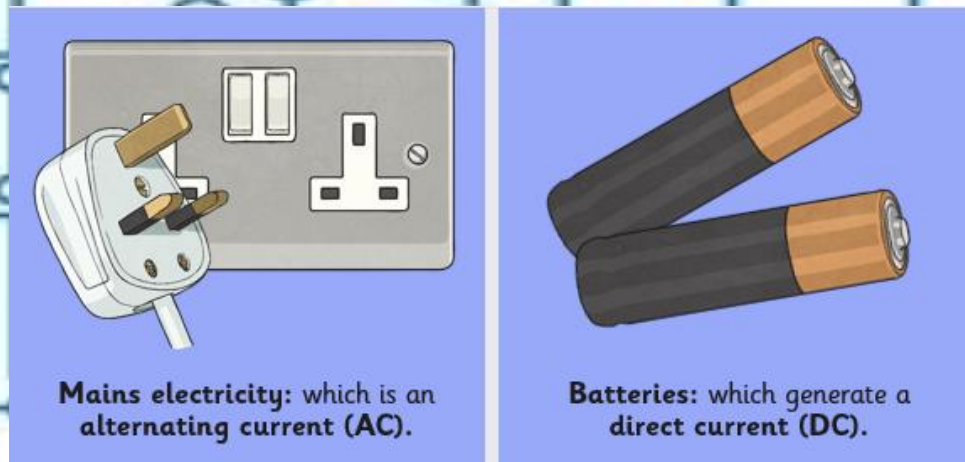


Vocabulary	
insulate	Protect (something) by interposing material that prevents the loss of heat
conductor	A substance that allows heat or electricity to go through it: Metal is a good conductor of heat.
battery	A container consisting of one or more cells, in which chemical energy is converted into electricity and used as a source of power.
buzzer	An electrical device that makes a buzzing noise and is used for signalling.
bulb	Light bulb.
wire	Metal drawn out into the form of a thin flexible thread or rod.
appliances	A device or piece of equipment (tool or gadget, etc.) designed to perform a specific task.
circuit	In electronics, a circuit is a path between two or more points along which an electrical current can be carried.
cell	battery
switch	A device for making and breaking the connection in an electric circuit.



### Definition:

When we refer to **electricity**, what we usually mean is **electric current**, which is the **flow of electric charge**.



### Interesting Facts

Electricity travels at the speed of light - more than 186,000 miles per second!

A spark of static electricity can measure up to three thousand (3,000) volts.

A bolt of lightning can measure up to three million (3,000,000) volts, and it lasts less than one second.