


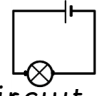





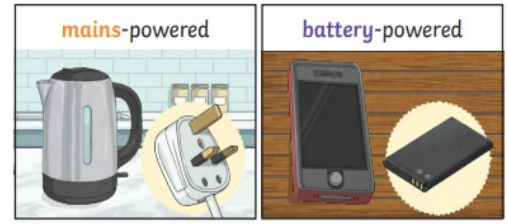
Electricity

Year 4

 electricity	The flow of an electric current through a material eg from a power source through wires to an appliance.
 appliances	A piece of equipment or a device designed to perform a particular job, such as a washing machine or a mobile phone.
 battery	A device that stores electrical energy as a chemical. Two or more cells joined together form a battery.
 circuit	A closed path along which an electrical current can flow.
 mains electricity	Electricity supplied through wires to a building.
 electrical conductor	A conductor of electricity is a material that will allow electricity to flow through it.
 electrical insulator	Materials that are electrical insulators do not allow electricity to flow through them.

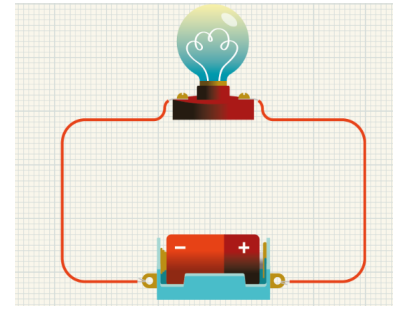
Appliances

Many everyday appliances rely on electricity to work. Some appliances use mains electricity (are plugged into a socket) and others have a battery to make them work.

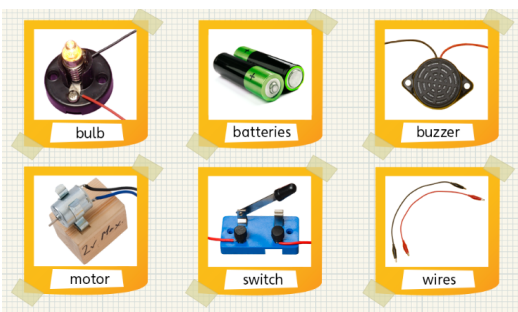


Complete Circuit

Electricity can flow. The components will work.



Parts of a circuit



Examples of Electrical Conductors



Examples of Electrical Insulators

