

electricity

circuit

electrons

cell

battery

lamp

wire

Crocodile clip

symbols

A tiny particle, smaller than an atom that has a negative charge.

A pathway that electricity can flow around which includes wires, a power supply and sometimes bulbs, switches, buzzers and motors.

The flow of electrons through a material from a power source to an appliance.

A component that gives out light when electricity passes through it.

Two or more cells make a battery.

A cell holds an electrical charge. It has a positive and a negative end and it pushes the electrical current to flow round.

Simple drawings that represent components in a circuit.

A metal clip that is attached to each end of a wire to secure it to the components or another length of wire.

A long thin piece of metal that is used to carry electric current.

switch

series circuit

conductor

insulator

component

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A material or substance that heat or electricity can pass through or along.

The components are connected end-to-end, one after the other. They make a simple loop for the current to flow around.

A simple switch is made up of a lever that can join up with a metal contact to complete a circuit.

Insert text here

Any device in an electric circuit that transfers electrical energy into another form, e.g. lamp, motor, buzzer.

A material or substance that does not allow heat or electricity pass through it.

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