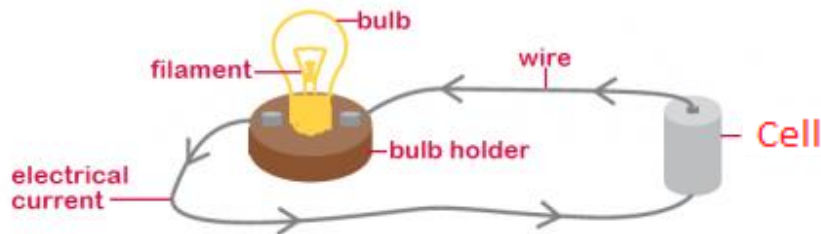
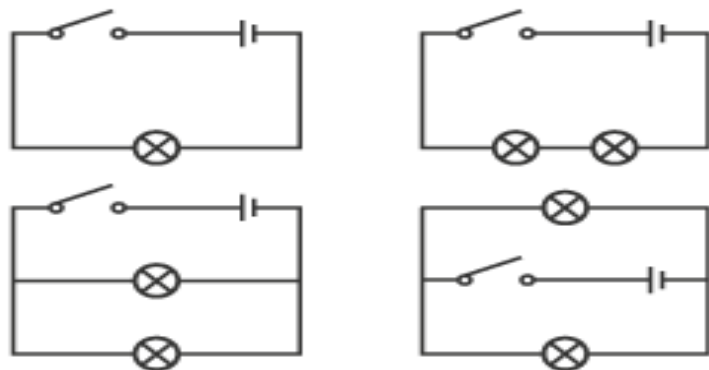
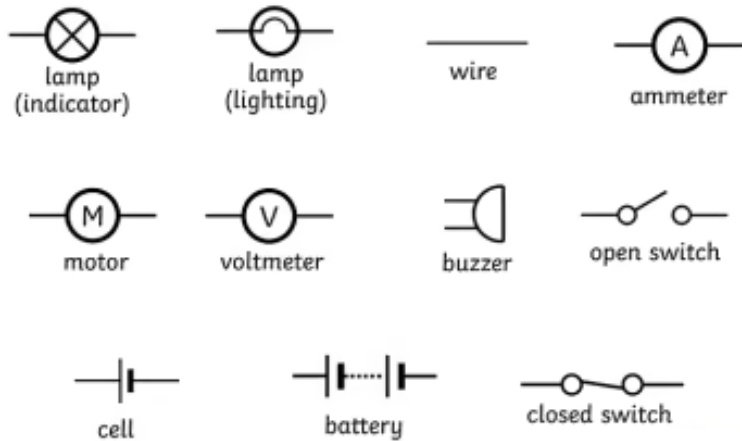


Electricity

Key Vocabulary



Battery – A container consisting of one or more cells where chemical energy is converted into electricity and used as a source of power

Bulb – A glass bulb which provides light by passing an electrical current through a filament

Buzzer – An electrical device that makes a buzzing noise and is used for signalling

Cell – A device containing electrodes that is used for generating current

Circuit – A complete and closed path around which a circulating electric current can flow

Conductor - A material or device which allows heat or electricity to carry through

Current – A flow of electricity which results from the ordered directional movement of electrically charged particles

Electricity – A form of energy resulting from the existence of charged particles

Filament – A conducting wire or thread with a high melting point that forms part of an electric bulb

Motor – A machine powered by electricity that supplies motive power for a vehicle or other moveable device

Switch – A device for making and breaking the connection in an electric circuit

Voltage – An electrical force that makes electricity move through a wire, measured in volts.

Crucial Knowledge

1. Know different ways electricity is produced
2. Know different ways we can access electricity in our homes and the dangers it can pose.
3. Identify symbols on a circuit
4. Give reasons for the variations in how components function