

Y4 – Knowledge Organiser - Electricity

Key Vocabulary



Battery



Wire



Bulb



Buzzer



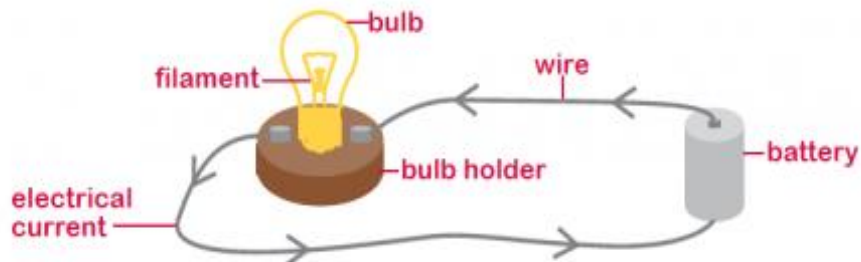
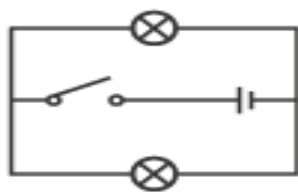
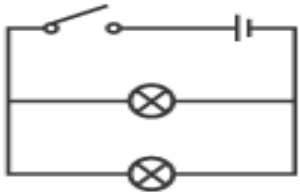
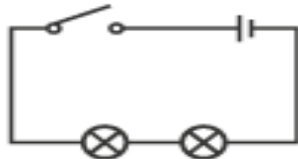
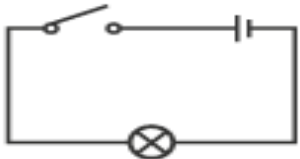
Motor



Switch (off)



Switch (on)



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.

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.