

Electricity

Recap:

- Electricity is the flow of electric charge (flow of electrons) in one direction
- A circuit always needs a power source
- There are two types of electric charge – mains and battery
- Conductors allow electricity to pass through
- Insulators do not allow electricity to pass through
- A cell is a single device which provides power
- A battery is two or more cells together which provides power

Crucial Knowledge:

- Using electricity symbols to create simple electrical circuit diagrams
- Voltage is the push given to an electron by a battery
- Voltage is measured in Volts with a voltmeter
- A higher voltage (more/bigger batteries) will cause a brighter bulb/louder buzzer
- Shortening wires means electrons have less resistance to flow through (making bulbs/buzzers brighter/louder)

Extended Knowledge:

