Sarah the Scientist studies Electricity

When I grow up I could be:
An electrical engineer,
An electrician
A renewable energy engineer

Join Sarah the Scientist in her exploration of electricity! Learn how to create and draw electrical circuits, change the brightness of bulbs and investigate which materials are great at conducting or insulating electricity. You will also learn how to stay safe around electricity.



Reaching New Horizons

Year 4

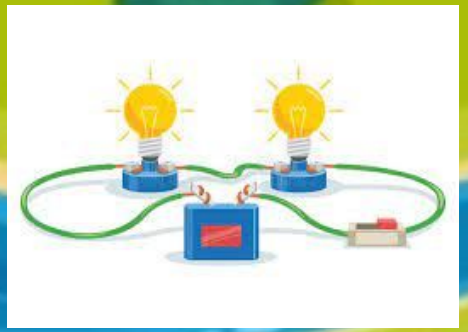
Electrical safety





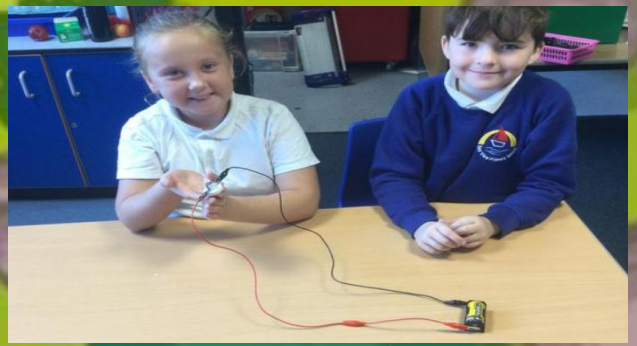


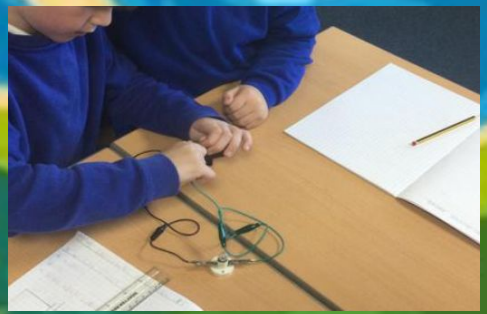
Circuits



Conductors

- Renewable
- Non renewable
- Battery
- Bulb
- Wires
- Switch
- Buzzer
- Motor
- Conductor
- Insulator
- metal/ non metal







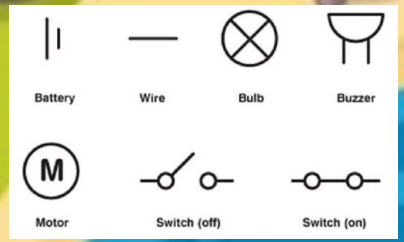
Reaching New Horizons

Year 6

Dimmer and Brighter Bulbs



Electrical Symbols



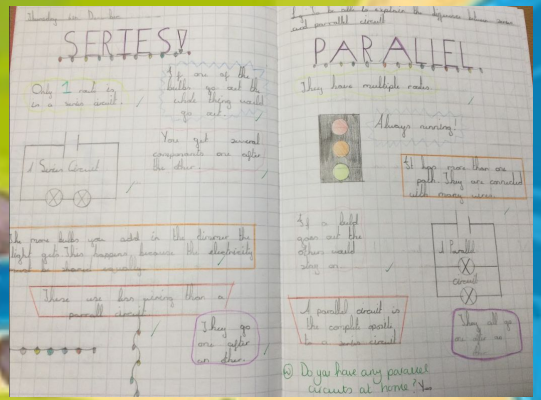


Circuit, complete circuit, circuit diagram, symbol,

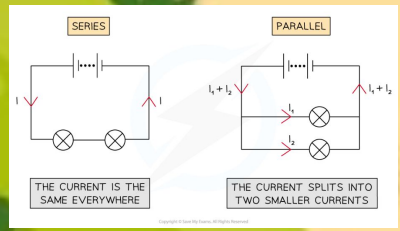
cell, battery, bulb, buzzer, motor, switch, voltage, amps

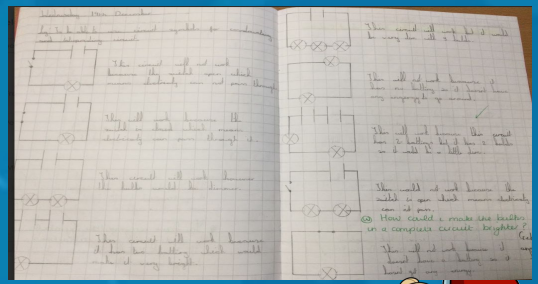
Conductors & Insulators





Series & Parallel Circuits









Reaching New Horizons



Sarah Scientist









