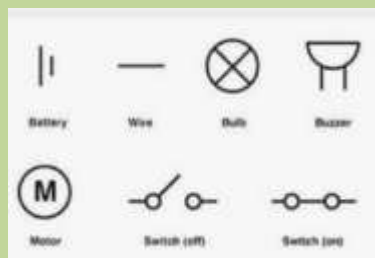


Personal Development

Social – Pupils will become aware of how technology can affect society

Cultural – Pupils will become aware of how different cultures have contributed to our scientific knowledge

Social – Children will develop their cooperative working skills



What I have learnt before:

How to make a circuit

Circuit components

Forever Facts

I know that these people were involved in major discoveries about electricity: Edison, Tesla, Volta and Faraday

Volt is the measurement of voltage (V) which pushes the current through the circuit

I know the vocabulary and process of planning an investigation

I know that there are recognised symbols to be used when drawing a circuit

The greater the voltage, the more current will flow

Skills

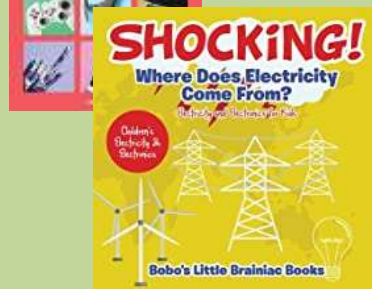
Plan and conduct an experiment

Decide which variables to control

Decide which variables to control

Draw circuit diagrams using recognised symbols

Exciting Books



Our Endpoint

I can plan, carry out and record a circuit investigation

Subject Specific Vocabulary

Voltage

The force that makes the electric current flow

Battery

The scientific name for a collection of cells joined together

Cell

A single unit, containing two electrodes and an electrolyte

Circuit

A complete route which an electric current can flow around

Fair and comparative test

Where you record observations/measurements, compare results and spot patterns

Practical Enquiry

Where you observe what happens

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