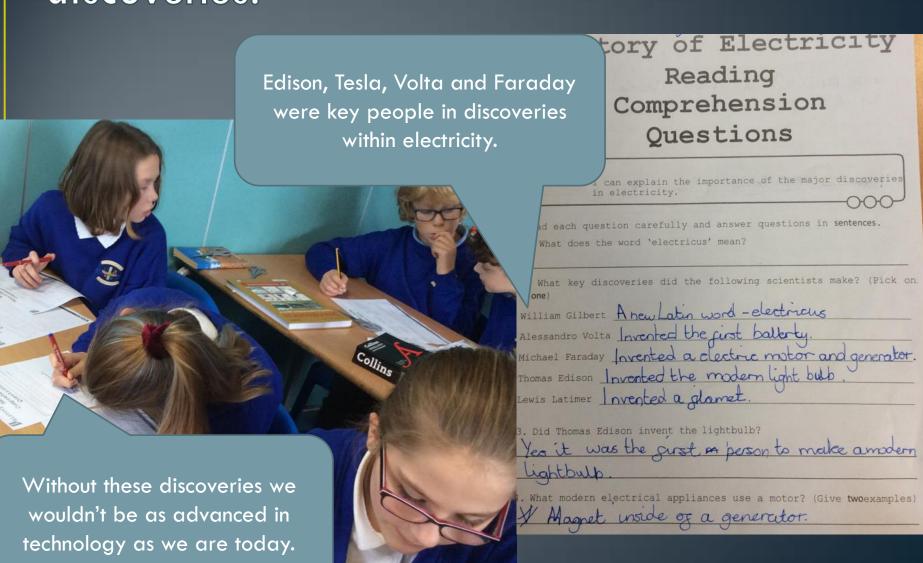
Science Electricity Lynher Autumn 2 2022

I understand the history of some electrical discoveries.





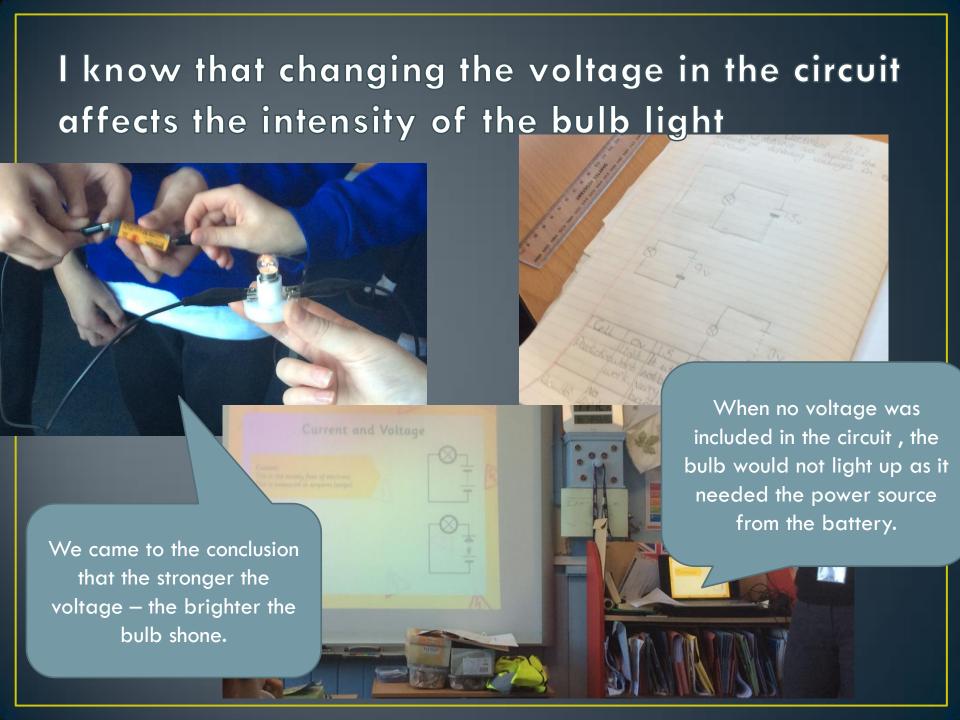
Symbols are used in circuit diagrams to make them simpler to read and follow.

Circuit Symbols Memory Test

Now have I reduce to memorine these agreems, slick store and the times will begin.

These are called electronic graphical symbols.

Some of the circuits we looked at had single cells, some had double.



I can plan and carry out a fair test.

I can predict what would happen if we increased the wire length.

We recorded our data fairly ensuing we only changed one variable and everything else stayed the same.

Wire Length

Does wire length affect how components in a circuit work?

scuss this question with your talk partner and predict:

to which component/part of the circult



I found out that the longer the wire, the dimmer the bulb became.

Science

FLE Y5/6

Electricity

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



ļı	_	\otimes	\forall
Battery	Wire	Bulb	Buzzer
M	-of	O	Switch (on)

What I have learnt before:

How to make a circuit

Circuit compnents

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)

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

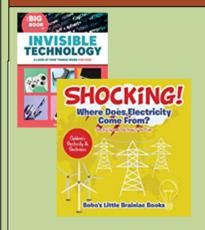
Plan and conduct an experiment

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	