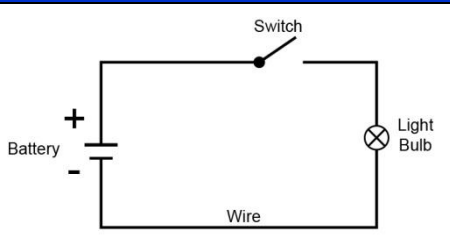



Year Group 6: SCIENCE - Electricity

Subject Specific Vocabulary		Memorable Image	Exciting Books
ampere	Is the standard unit of measure of electric current. It is sometimes written as amp.		
battery/cell	A device that stores and produces electricity from chemical cells.		
		Sticky Assessment Knowledge	
conductor	A material that allows electricity to flow.	<input type="checkbox"/> I know the difference between mains and battery-powered electricity. <input type="checkbox"/> I am able to construct circuits that match a given description, from a conventional circuit diagram <input type="checkbox"/> I can draw circuit diagrams of circuits that I create. <input type="checkbox"/> I can look at a circuit diagram and explain how I know whether it will work or not. <input type="checkbox"/> I understand and can explain how to stay safe when working with and using electricity <input type="checkbox"/> I can decide how to investigate changes to circuits when different devices are added, switches are thrown or some of the wire is made thinner than the connecting wire.	Useful Websites
insulator	A material that prevents electricity from flowing.		
components	These are the different parts that make up an electrical circuit.		
electrical circuit	These electronic components are put together and allow electric current to flow.		
voltage	The standard unit of measure for electric potential (voltage)		
watt	The standard unit of measure used for electric power.		
			Misconceptions and Facts
			<ul style="list-style-type: none"> Thomas Edison was NOT the first person to invent the light bulb. He was the first to invent the long-lasting light bulb. In 1802, Humphry Davy invented the first electric light. When he connected wires to his battery and a piece of carbon, the carbon glowed, producing light.

<https://kids.britannica.com/kids/article/electricity/353091>

<http://www.switchedonkids.org.uk/>

Misconceptions and Facts

- Thomas Edison was **NOT** the first person to invent the light bulb. He was the first to invent the **long-lasting light bulb**.
- In 1802, Humphry Davy invented the first electric light. When he connected wires to his battery and a piece of carbon, the carbon glowed, producing light.