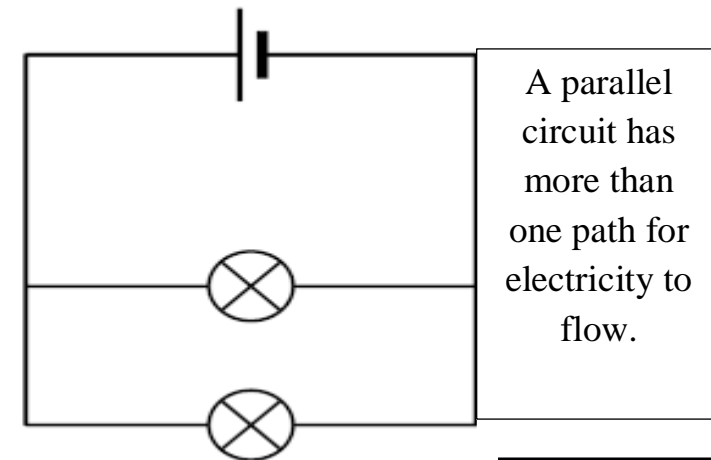
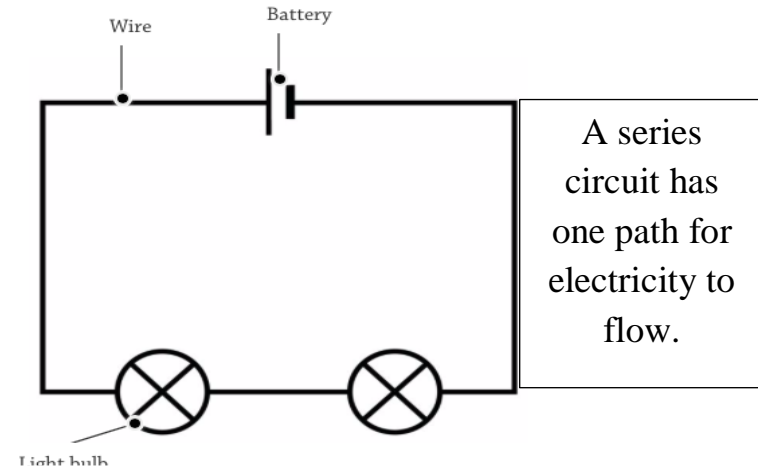


## Knowledge Organiser- Science Year 6 - Electricity

Key Vocabulary	Definition
Electricity	Electricity is a form of energy. We can control it and use it.
Electrical current	The flow of electricity.
Electric shock	When electricity flows through the human body causing a shock. Exposure to electrical energy can be dangerous, resulting in damage or death.
Circuit	A path which electricity flows around.
Battery	A store of energy, also known as a cell.
Light bulb	A component that converts electrical energy to light energy.
Switch	A component that can make or break an electrical circuit.
Wire	A thin piece of metal covered in plastic that conducts electricity.
Conductor	Materials that allow electricity to pass through them are called conductors.
Insulator	Materials that do not allow electricity to pass through are called insulators.



### Electrical Circuit Symbols

<b>bulb</b> 	<b>bulb</b> 	<b>cell</b> 
<b>battery</b> 	<b>wire</b> 	<b>motor</b> 
<b>buzzer</b> 	<b>open switch</b> 	<b>closed switch</b> 

### Cells/Batteries

<b><u>AA Battery</u></b> <b><u>1.5V (volts)</u></b>	<b><u>Car Battery</u></b> <b><u>12 V (volts)</u></b>

**Granville T Woods (1856-1910)**

was an inventor and electrical engineer. He worked on many inventions that made electrical railways safer and more efficient.

