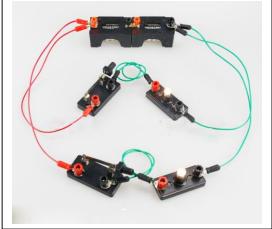




Science - Electricity
YEAR 6



What is a switch?	<ul> <li>You can use a switch in a circuit to create a gap in a circuit. This can be used to switch it on and off.</li> <li>When a switch is open (off), there is a gap in the circuit. Electricity cannot travel around the circuit.</li> <li>When a switch is closed (on), it makes the circuit complete. Electricity can travel around the circuit.</li> </ul>
Increasing the brightness of a bulb or the volume of a buzzer.	<ul> <li>The more cells that are used in a circuit, the brighter the bulb or louder the buzzer.</li> <li>If one cell is used, the higher its voltage, the more powerful the cell is.</li> </ul>

## What is electricity?

Electricity is created by generators which can be powered by gas, coal, oil, wind or solar.

The electrical energy can be converted into other types of energy such as light, heat, movement or sound.

Electricity is dangerous, so be careful when using electrical appliances.

Generator	A machine that make electrical energy
Component	A part of something (a part of a circuit)

## Diagrams and Symbols

