



Year 1  
Electricity

<https://www.bbc.co.uk/bitesize/clips/zmdg9j6>

Children are shown using simple electrical circuits to produce games and activities. Children have produced a wire loop game, a moving clown, a quiz and a birthday card, which include electrical circuits, bulbs and buzzers.

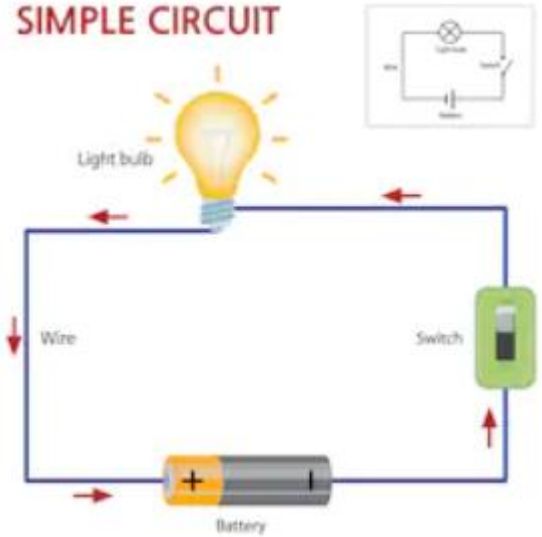
An electrical circuit is a path or line through which an electrical current flows. The path may be closed (joined at both ends), making it a loop. A closed circuit makes electrical current flow possible.

An example of a simple circuit with a lamp, battery, switch and two wires. In Year 1 they will be learning how to **fault find**. Which means that they will need to understand how the circuit works and how to check if something is broken.

These are **symbols** that we use when we are drawing out our circuits.

A diagram to show the different parts of the circuit. This one shows 2 wires, a lamp and one cell.

SIMPLE CIRCUIT



Part of a circuit which can be opened or closed to control the circuit.

	circuit
	lamp

A component that lights up when electricity passes through in a circuit.

	circuit diagram
	cell

A safe power source. A store of chemical potential energy that can power a circuit.

	switch
	battery

A battery is a device that stores chemical energy and makes it available in an electrical form.