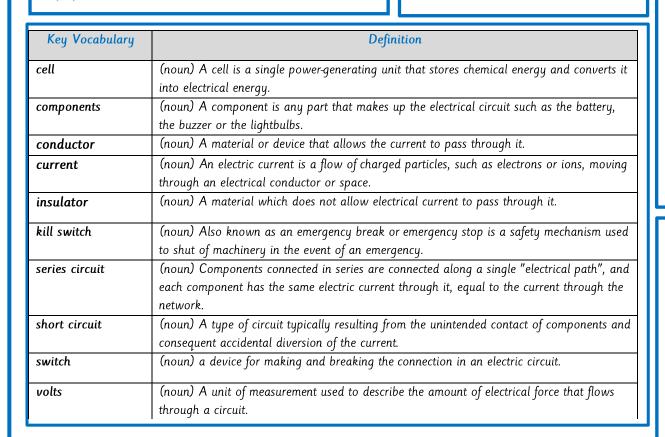
Year 6

Science



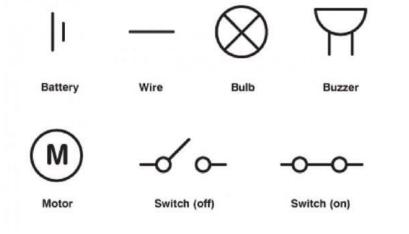




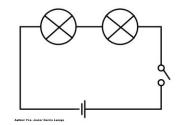
SAFETY: Electrical circuits can be dangerous and the ones in your houses can carry high voltages which can kill! Never play with electrical circuits and always ensure power is off!

Symbols

Scientists use universally agreed symbols to represent the components (parts) of a circuit. The ones below are commonly used in Key Stage Two science:

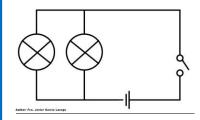


A series circuit



There is only one path that the current will flow. Each component will have the same electrical current through it. It is either on or off – all of the components will be the same.

A parallel circuit



There will be different paths that the current could flow through. Depending on the circuit, it can be set up so different components can be turned off and on without impacting on other components.