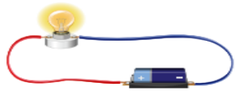
Y6 Science Knowledge Organiser – Electricity

Vocabulary

Series circuit	A circuit where al the components are connected in a single loop.
Cell	A portable store of energy
Current	The flow of electricity in a circuit
Voltage	Causes the current to flow
Component	Item in a circuit
Wires	Connect to the components so the current can flow

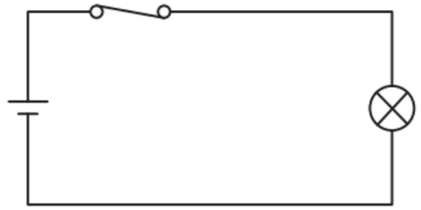






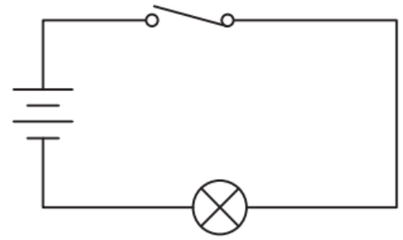
Types of circuits

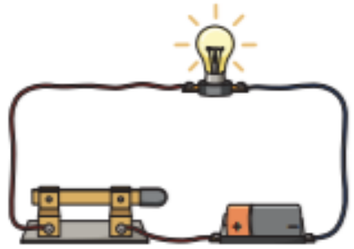
complete circuit – a circuit that does not have a break in it

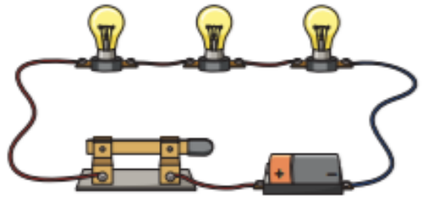


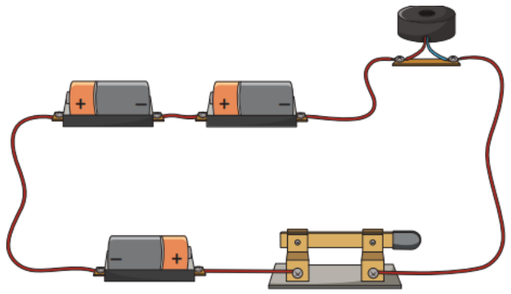


incomplete circuit – a circuit that has a break in it

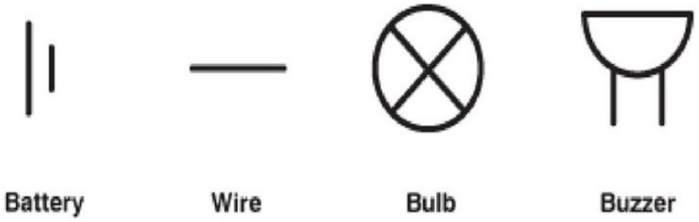


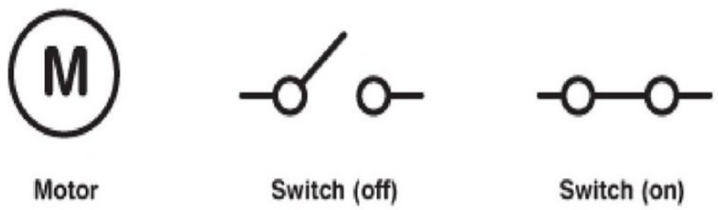






Circuit symbols





Did you know...

- An incomplete circuit may have a break in the wires, a switch may be open or the cell may be in the holder the wrong way.
- You can increase the voltage by adding more cells
- The more components in a circuit the more difficult it os for the current to flow

Fun fact...

