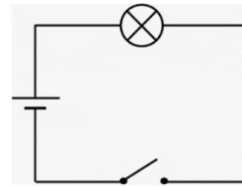
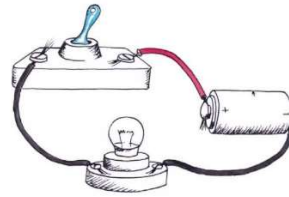
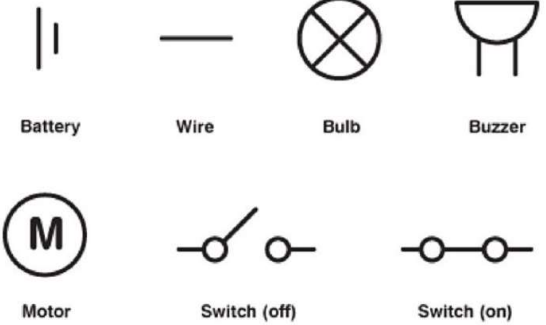


Electricity



Electrical Circuit Symbols



Key Vocabulary:

Electricity- A form of energy that can give things the ability to move and work.

Safety- Protection from danger and risk.

Circuit- A connection of electrical components.

Switch- A device that makes or breaks a circuit.

Bulb- A source of light.

Cell- A device used to create energy.

Battery- One or more cells connected.

Mains- Power we use for everyday items using a plug.

Energy- Strength and power.

Insulator- A material which does not allow electricity or heat to run through it.

Conductor- A material which allows electricity or heat to run through it.

Current- The amount of electricity flowing through a circuit.

X Don't pull wires.

X Don't put your fingers in sockets.

X Don't use radios or hair dryers near water.

Complete Circuit

Electricity can flow. The components will work.

Incomplete Circuit

There is a break in the **circuit** that prevents the **electricity** from flowing. The components will not work.

Key Knowledge	
Examples of Electrical Conductors	Examples of Electrical Insulators
<p>water metal</p>	<p>wood plastic paper rubber glass fabric</p>