







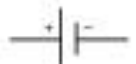

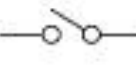



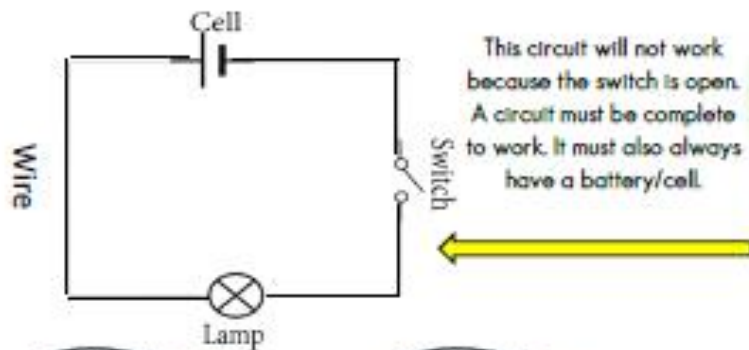
What would life be like without electricity?

Glossary

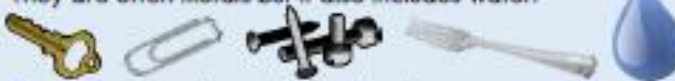
	Definition
Battery	A power source. A battery is a container filled with chemicals that produce electricity.
Insulator	A material that does not allow electricity to pass through it.
Switch	A device which can control the flow of electricity.
Conductor	A material that allows electricity to pass through easily.
Power source	The source of electrical power, can be a battery or mains.
Circuit	A path that allows electricity to flow through.
Mains	An electrical power source found in homes and other buildings.

		BULB
		BUZZER
		MOTOR
		WIRES
		BATTERY/CELL
		SWITCH


ELECTRICITY



An electrical conductor lets electricity pass through. They are often metals but it also includes water.



An electrical insulator does not let electricity pass through.



DANGER! HIGH VOLTAGE!

Electricity is everywhere so always be safe. Be careful of mains switches, open sockets and any signs to do with electricity. The human body is 80% water so it conducts electricity. If someone has had a shock always turn the electricity off first, then call for help!

- 1.) If you make the wires longer, the bulb will get dimmer. This is because there is more resistance.
- 2.) If you add more bulbs, the bulbs get dimmer. This is because there is also more resistance.
- 3.) If you add more batteries, the bulbs will get brighter. This is because there is less resistance and a greater current.

