

Year 4 - Electricity

Key Vocabulary

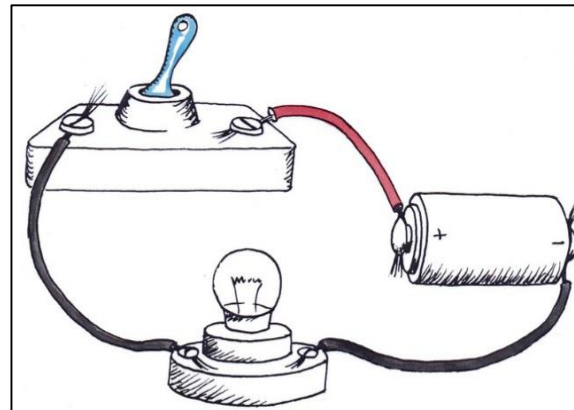
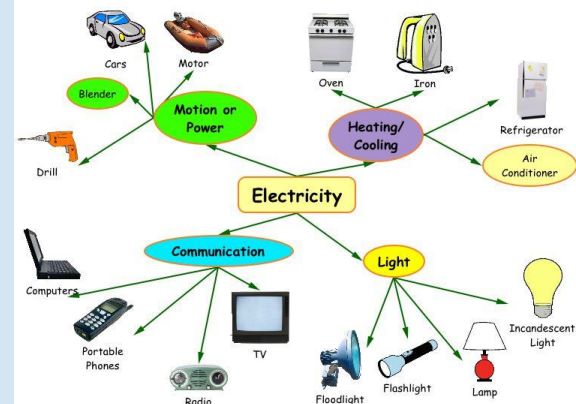
Appliance	A household device that runs on gas or electricity
Device	A piece of equipment to serve a special purpose
Electricity	A form of energy that can give things the ability to move and work.
Circuit	A circuit is a complete path around which electricity can flow.
Cell	A device used to generate electricity. A battery is one or more cells,
Battery	A device that stores and produces electricity.
Component	The parts of a circuit such as a wire, battery, bulb, or switch.
Switch	A device for opening and closing electrical circuits
Insulator	A material that does not allow electricity to flow through it
Conductor	A material that allows electricity to flow through it

Did you know?

Electricity travels at the speed of light, which is more than 186,000 miles per hour.

Many household devices and appliances run on electricity. Some plug in to the mains and others run on batteries. An electrical circuit consists of a cell or battery connected to a component using wires.

Uses Of Electricity In Our Daily Life



If there is a break in the circuit, a loose connection or a short circuit, the component will not work. A switch can be added to the circuit to turn the component on and off.