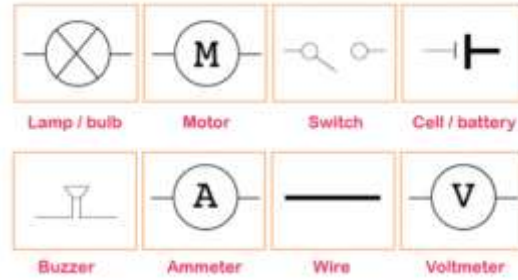


Subject Specific Vocabulary

electricity	The flow of an electrical current through a material e.g. from power source through wires to an appliance.
appliances	A piece of equipment or a device designed to perform a particular job, such as a washing machine.
battery	A device that stores electrical energy as a chemical.
circuit	A pathway that electricity can flow around. It is based around wires and a power supply.
Mains electricity	Electricity supplied through wires in a building.
Electrical conductor	A conductor of electricity is a material that will allow electricity to flow through it.
Electrical insulator	Electrical insulators, do not allow electricity to flow through them.
Voltage	An electrical force that makes electricity move through a wire, measured as voltage (v).
Buzzer, motor, wire	An electrical device that makes a buzzing sound, a motor changes electricity into movement and a wire carries the electrical current with a plastic outer coat for safety.
current	A flow of electricity through a wire.



How would you cope without electricity for the day?

Sticky Knowledge about Electricity

- Can you identify and name appliances?
- Can you construct a series circuit?
- Can you identify and name the components in a series circuit?
- Can you predict and test whether a lamp will light within a circuit?
- Can you explain the function of a switch?
- Can you explain the difference between a conductor and an insulator of electricity, giving examples of both?

Exciting Books



Important Scientists

Thomas Edison (1847-1931)
Lived in the USA.
Invented the light bulb, the phonograph and an early video camera, called the kinetograph