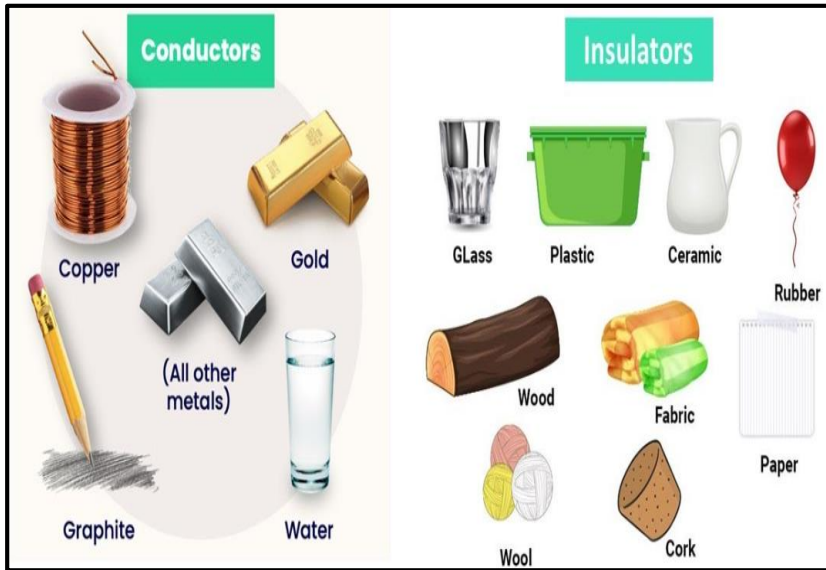


Conductors and insulators



Electricity

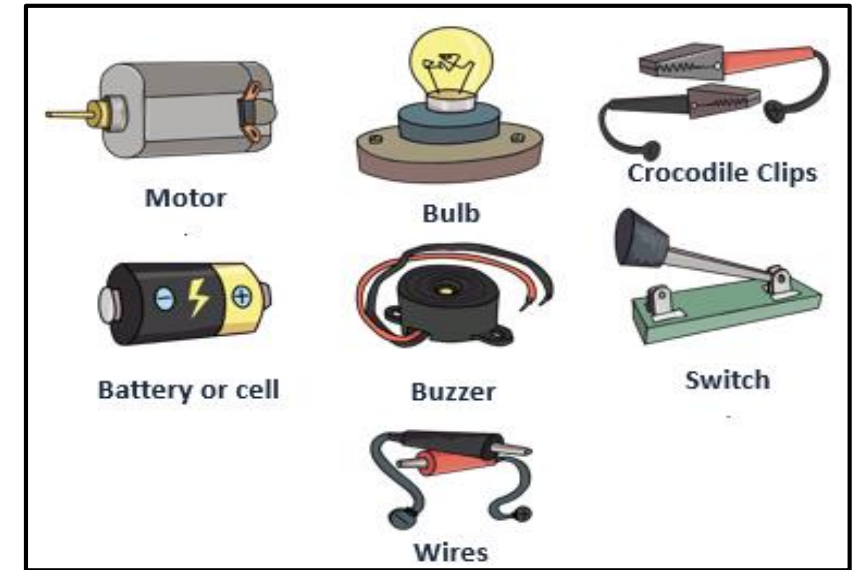
Year 4

Electrical appliances



Key Vocabulary

Components of an electrical circuit



Electricity	A form of energy that can be carried by wires.
Electrical appliance	A device or machine that you use to do a job such as cleaning or cooking powered by electricity.
Mains	Power that is brought into peoples homes.
Plug	Electrical socket.
Electrical circuit	A complete route that an electric current can flow around.
Component	Parts of something that is made.
Cell	A device used to generate electricity.
Battery	Stores of chemical energy.
Positive and negative	Protons have a positive charge. Electrons have a negative charge.

Connections	When two things are put together.
Loose connection	Not joined or loosely joined.
Short circuit	When electricity travels the wrong way on the route.
Crocodile clip	A clasp with serrated interlocking edges used for making electrical connections.
Switch	A component within an electrical circuit which enables the flow of electricity to be turned on and off.
Buzzer	Turns electricity into sound when the current runs through it.
Motor	Changes electrical energy into mechanical movement.
Conductor	A conductor is a material which electricity can flow through.
Insulator	Material that does not allow electricity to pass through.