

## Circuit

An electric current can flow around a circuit only if it is a closed loop (which means it doesn't have any gaps in it).

## Conductor

An electrical conductor is something that lets an electric current flow through it. Metals are good conductors.

## Gravity

Gravity is a force that pulls things towards each other. All objects have gravity, but they have to be really massive (like the Earth or the Sun) for it to be noticeable.

## Magnet

Magnets attract or repel (push away from) other magnets. Magnets also attract magnetic materials.

## Mixture

A mixture is made from different things which can be separated.

## Reflection

Light can reflect (bounce) off surfaces. Smooth surfaces – like mirrors – reflect light evenly; rough surfaces scatter light in lots of directions.

## Simple machine

Simple machines include pulleys, wheels, screws and levers. They make it easier to move things.

## Sound

Sound is made whenever an object vibrates. The vibration starts a wave which travels through materials (including the air). When the wave reaches your ear, it makes your eardrum vibrate and you hear the sound.

## White light

White light is a mixture of different colours. When sunlight hits a raindrop, the white light is split into different colours, making a rainbow.