



	Separating Solids and Liquids
filtering	Separates an insoluble solid from a liquid.
sieving	Separates solids of different sizes
evaporation	Separating dissolved substances from liquids.
	Reversible and Irreversible Changes
Reversible change	Changes that are not permanent. Dissolving, mixing, mel ting, freezing are reversible changes. E.g. water turning to ice or steam.
Irreversible change	Changes that are permanent and cannot be undor Results in the making of a new material. e.g. burning wood, baking a cake.
	How magnets work
	North and a South Pole. North is often Red while Sou Arrows show the direction of the force in this diagram
N	s → ← N s
Ν	$\leftarrow \rightarrow $ N
	Same poles repel

Vocabulary	
Conductor	A material or device which allows heat, sound or electricity to carry through easily
Dissolve	When something solid mixes with a liquid and become part of the liquid
Evaporation	The process of turning from liquid to vapour
Flexible	Capable of bending easily without breaking
Gas	An air-like fluid substance which expands freely to fill any space available
Insulator	A substance which does not readily allow passage of heat, electricity or sound
Liquid	A substance that flows freely but can be measured by volume.
Magnetic	Capable of being magnetised or attracted by a magnet
Opaque	Not able to be seen through at all; unable to let light b seen through it
Solid	Firm and stable in shape, not a liquid or fluid
Soluble	Able to be dissolved, especially in water
Transparent	allowing light to pass through so that objects behind can be distinctly seen
Thermal	Relating to heat