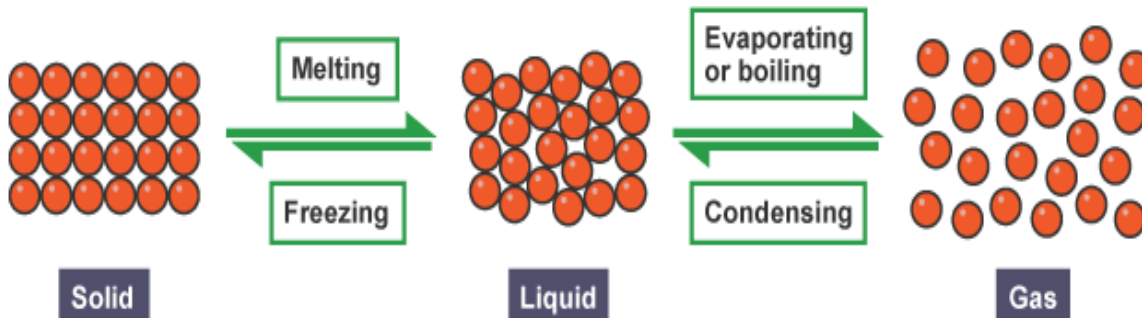
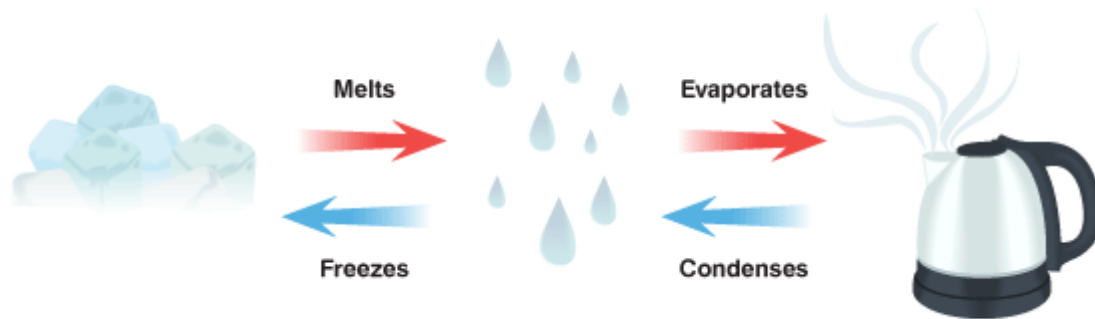
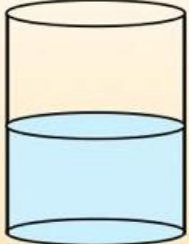
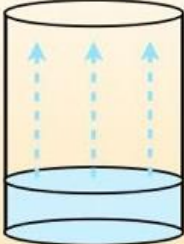



Reversible and Irreversible Changes

Knowledge Organiser

Key Vocabulary



 <p>Sugar dissolves in the water making a sugar solution. You cannot see the sugar but it is still there in tiny particles.</p>	 <p>The water evaporates. This means that it becomes water vapour. The process will be quicker if the water is heated.</p>	 <p>Once all the water has evaporated, the sugar is left at the bottom of the beaker. This is because sugar cannot evaporate.</p>
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Dissolve - When something solid mixes with a liquid and becomes part of the liquid

Evaporation - The process of turning from liquid to vapour

Condensation - Water which collects as droplets on a cold surface when humid air is in contact with it

Flexible - Capable of bending easily without breaking

Irreversible - Cannot be reversed back to its original state

Liquid - A substance that flows freely but can be measured by volume e.g. water or oil

Material - The matter from which a thing is or can be made from

Opaque - Not able to be seen through, not transparent

Reversible - Able to be reversed back to its original state

Solid - Firm and stable in shape, not a liquid or fluid

Boiling - At or near boiling point

Melting - Becoming liquefied by heat

Freezing - Below 0°C

Soluble - Able to be dissolved, especially in water

Thermal - Relating to heat