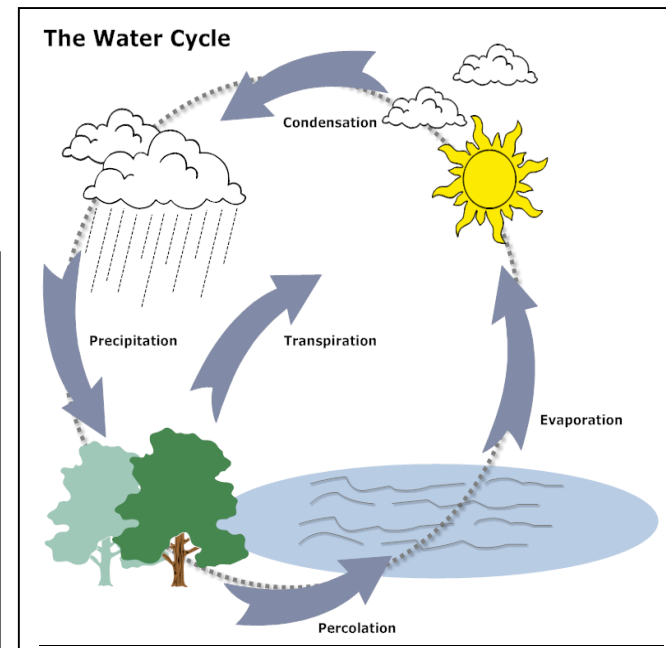
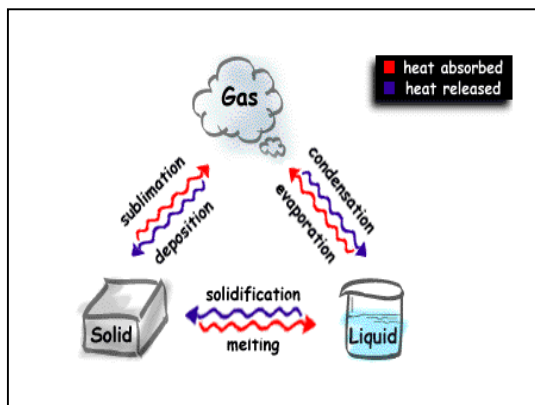


Vocabulary	Definition
Temperature	How hot or cold something is. measured in degrees Celsius.
Celsius	The common scale in the UK for measuring temperature.
Particle	A tiny amount of something. You can't see them with your eyes!
Melting	The process of a solid heating and changing into a liquid.
Evaporation	The process of a liquid heating and changing into a gas.
Condensation	The process of a gas cooling and changing into a liquid.
Freezing	The process of a liquid cooling and changing into a solid.
Boiling	To become so hot (100°C) that water bubbles and then turns into a gas.

Science – States of Matter
YEAR 4
Spring 1



Solids	Liquids	Gas
Stays the same shape Can be held in your hands Can be cut into a new shape	Flows and can be poured Changes shape to its container Volume never changes	Often invisible Always fills its container Shape & volume change



Changes of State			
Solid to liquid	A solid melts and changes to a liquid.	Melting	The wax melted as the candle burned.
Liquid to gas	A liquid evaporates into a gas when heated.	Evaporation	When water evaporates, it becomes water vapour.
Gas to liquid	When a gas is cooled it condenses into a liquid.	Condensation	The condensation of steam from the boiling tea kettle made the window fog up.
Liquid to solid	When a liquid freezes it becomes a solid.	Freezing	When water turns into ice.