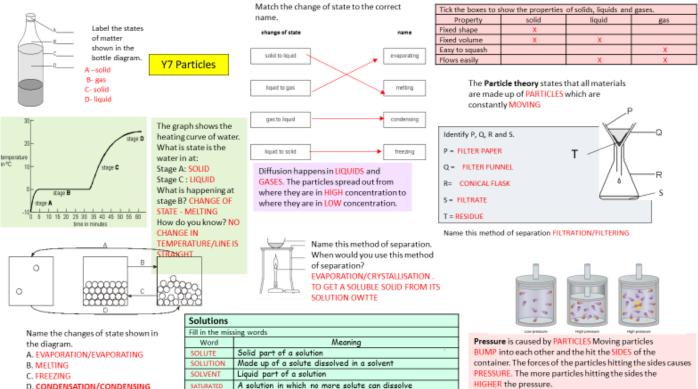
 boiling 	The change of state which occurs when a liquid rapidly changes into a gas (at the liquid's boiling point).
 boiling point 	The temperature at which a liquid rapidly changes into a gas.
 bonds 	Forces holding particles together.
 carbon dioxide 	A gas produced during burning.
 Celsius scale 	Standard temperature scale which sets the freezing point of water at 0°C and its boiling point at 100°C.
 compressible 	A substance which can be squashed when a force is applied
 changes of state 	When the particles in a substance lose or gain kinetic energy the substance changes state.
 concentration 	The number of particles in a given volume
 condensation 	Change of state which occurs when a gas changes into a liquid.
 contraction 	When a substance gets smaller without any changes in mass.
 cooling 	When a substance loses energy and its temperature falls.
 cooling curve 	Graph of temperature against time as a substance is steadily cooled.
 crystallisation 	A process producing crystals. A molten substance or a solution is cooled.
diffusion	The movement of particles from an area of high concentration to an area of lower concentration.
 dissolve 	When a solute mixes completely with a solvent
 evaporation 	Change of state which happens when a liquid changes into a gas (can happen below the boiling point).
 expansion 	When a substance gets bigger in size without any change in mass.
• filtrate	Liquid which passes through filter paper
 filtration/filtering 	A method of separating an insoluble solid from a mixture.
• flow	The movement of a liquid as its particles mover over each other. A liquid such as water flows much faster than a thicker liquid such as treacle.
 freezing 	Change of state which occurs when a liquid changes into a solid.

•	freezing point	The temperature at which a liquid turns into a solid (this is the same temperature as the melting point of the substance).
•	gas	A substance with no fixed shape or volume.
•	heating	When a substance gains energy and its temperature rises.
•	heating curve	Graph of temperature against time as a substance is steadily heated.
•	kinetic energy	All moving objects/particles have kinetic energy
•	liquid	A substance with a fixed volume, but no fixed shape. A liquid takes the shape of whatever container it is in.
•	matter	All the substances and materials of the universe which are made up of atoms and molecules.
•	melting	The change of state which occurs when a solid changes into a liquid.
•	melting point	The temperature at which a solid turns into a liquid (and vice versa).
•	particle theory	Theory which explains the properties of matter by assuming that all substances are made up of tiny particles.
•	particles	The tiny pieces everything is made up of.
•	pressure	In liquids and gases pressure is exerted on the walls of a container due to collisions between the liquid/gas particles and the wall.
•	properties	A description of what a substance does or looks like.
•	residue	Solid which does not pass through the filter paper
•	saturated solution	A solution in which no more solute will dissolve
•	solid	A substance in which the particles inside are tightly bound together, giving it a definite shape.
•	solute	Solid part of a solution
•	solution	Made up of a solute dissolved in a solvent
•	solvent	Liquid part of a solution
•	states of matter	The three different forms of matter: solid, liquid and gas.
•	sublimation	When a solid changes directly into a gas without melting first (and vice versa).
•	temperature	A measurement of how hot or cold something is.
•	theory	An idea backed up by evidence which is widely accepted
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• vapour	A substance in a gaseous state.
 vibrate 	Moves very quickly backwards and forwards around a fixed point.
 volume 	The space taken up by an object (units: litres (l), cubic centimetres (cm ³) or cubic metres (m ³)).



D. CONDENSATION/CONDENSING

olutions				
II in the missing words				
Word	Meaning			
OLUTE	Solid part of a solution			
OLUTION	Made up of a solute dissolved in a solvent			
OLVENT	Liquid part of a solution			
ATURATED	A solution in which no more solute can dissolve			

PRESSURE. The more particles hitting the sides the HIGHER the pressure.