

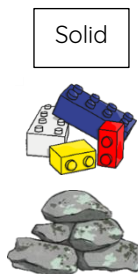
States of Matter



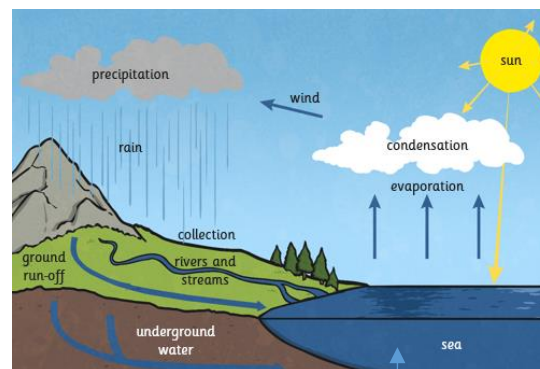
Liquid



Gas



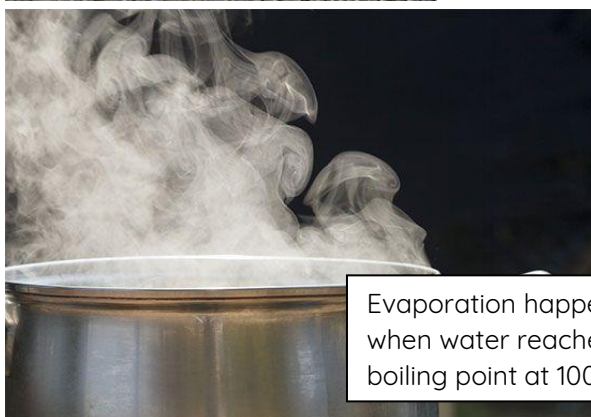
Solid



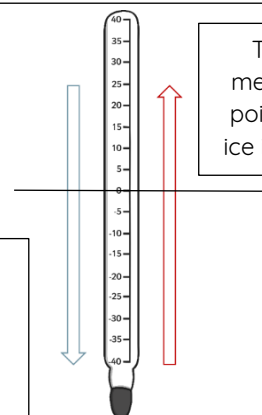
The Water Cycle



Condensation is when water vapour is cooled down and turns to water.

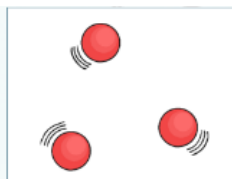
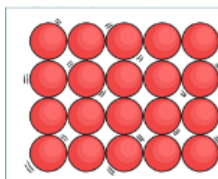


Evaporation happens when water reaches its boiling point at 100°C



The melting point of ice is 0°C

The freezing point of water is 0°C



Particles in a solid material are close together and are ordered in rows

Particles in a liquid material are quite close together but can move around.

Particles in a gas material move around very quickly

Vocabulary

Key Words	Definitions
solids	A material that can be cut, squashed or twisted.
liquids	A material that takes up the shape of the container that they are in.
gas	A material that can spread out to completely fill the container or room they are in.
particles	Are small and are present in all materials.
material	A substance made up of particles.
properties	Characteristics of a material.
melt	When a solid is heated and starts to change state from solid to liquid.
freeze	When a liquid turns to a solid.
thermometer	A tool which measures the temperature.
condense	When water vapour is cooled down and turns to water.
evaporate	When liquid turns into water vapour
vapour	A liquid turning into a gas.
precipitation	Water vapour condenses, more water droplets are formed in clouds. Water droplets fall back to earth.