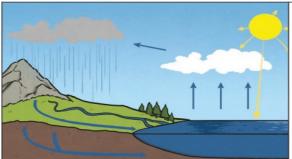


# Changes of State



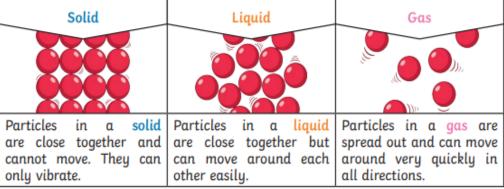
### Year 4

·		
Solids	Solid particles are very close together so they hold their shape.	7
Liquids	Liquids can flow and take the shape of their container because the particles are more loosely packed.	-
Gases	Gas particles are free to move around and will fill it container.	
Water vapour	This is water that takes the form of a gas. When water is boiled, it evaporates into water vapour.	C
Evaporate	When a liquid is heated and turned into a gas or vapour.	
Condense	Turn a gas into a liquid.	



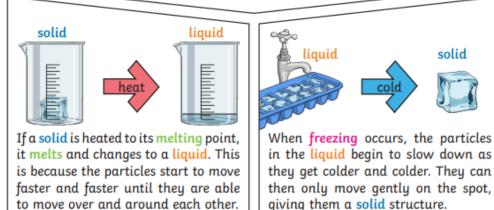
- Water from lakes, puddles, rivers and seas is evaporated by the sun's heat, turning it into water vapour.
- This water vapour rises, then cools down to form water droplets in clouds (condensation).
- When the droplets get too heavy, they fall back to the earth as rain, sleet, hail or snow (precipitation).

## The Three States of Matter



## Changing States

When water and other liquids reach a certain temperature, they change state into a solid or a gas. The temperatures that these changes happen at are called the boiling, melting or freezing point.



## The Water Cycle

Condensation and evaporation occur within the water cycle.