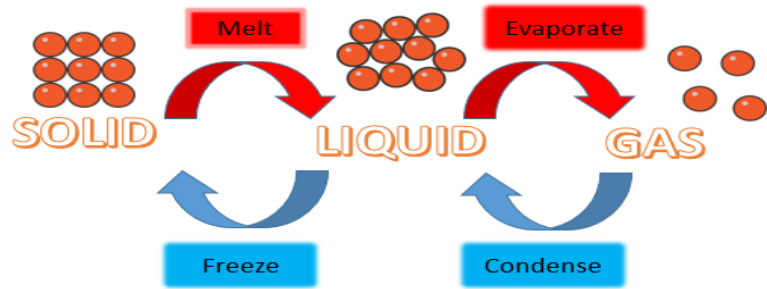


States of Matter



Solid	Liquid	Gas
<ul style="list-style-type: none"> Fixed volume Fixed shape 	<ul style="list-style-type: none"> Fixed volume Changing shape Fills the available container 	<ul style="list-style-type: none"> Changing volume Changing shape Fills the available space
wood metal Ice	juice oil Water	oxygen hydrogen carbon dioxide

Changes to states of matter

Freezing	liquid changing into a solid through cooling .
Melting	a solid changing into a liquid through heating
Evaporation	liquid turns into a gas through heating
Condensation	gas turning into a liquid through cooling

Key Scientist	
Humphry Davy	Born 1778, England
<ul style="list-style-type: none"> Invented the Davy Lamp – used to help miners Helped discover chlorine and iodine 	

Key vocabulary

Temperature	how hot or cold something is measured with a thermometer
Celsius (°C)	a unit of temperature
Boiling point of water	100 °C
Melting point of water	0°C
Cooling	lowering the temperature of something
Heating	raising the temperature of something
Particles	a tiny amount or small piece of something.
Matter	a physical substance made up of particles
Precipitation	water falling as rain, snow, or sleet
Collection	Where water that falls from the clouds as precipitation collects in oceans, rivers, lakes and streams
Water vapour	water in a gaseous stage

