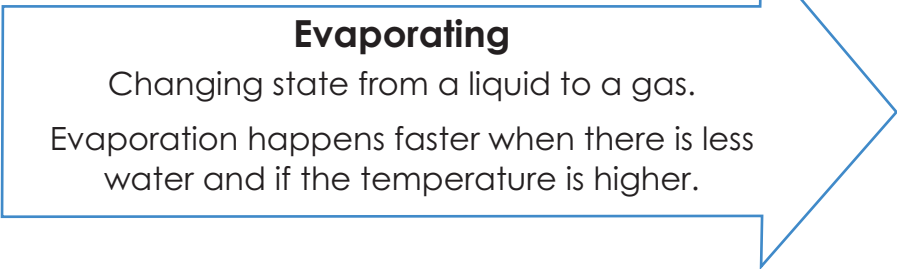
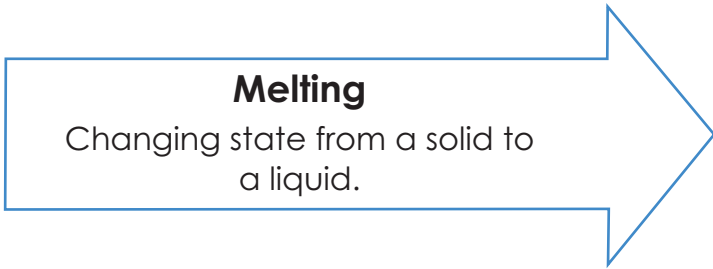
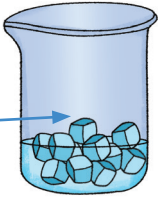


States of matter



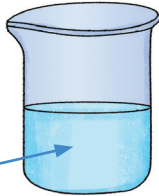
Solid
Solids have a firm shape that can be measured in length, width, and height.



Ice is a solid and melts at 0°C

Liquid
Liquids flow easily and change shape to fit their container.

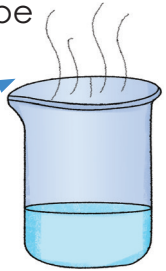
Water is a liquid and freezes at 0°



Viscosity is how thick a liquid is or how easily it can flow. The thicker the liquid, the longer it takes to freeze

Gas
Gases have no fixed shape and fill the space they are contained in.

Water vapour is a gas

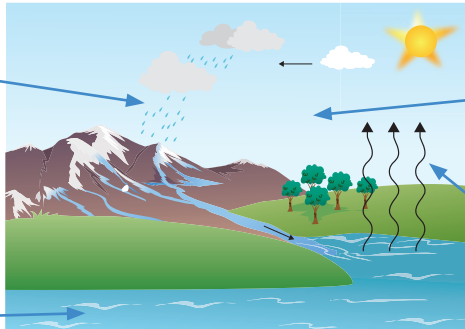



Melting point
If there is...

- a higher temperature
- less amount of material

then materials change from a solid to a liquid more quickly.

Water cycle
Water moves continuously around the water cycle.



1. Water evaporates
2. Water condenses
3. Water falls as precipitation
4. Water returns to the sea

Word	Definition
condensation	The change of state from a gas to a liquid.
degrees Celsius (°C)	A scale that measures temperature.
evaporation	The change of state from a liquid to a gas.
freezing	The change of state from a liquid to a solid.
gas	A form that has no fixed shape and fills the space it is contained in.
liquid	In a form that flows easily and changes shape to fit its container.
material	The substance or substances a thing is made from.
melting	The change of state from a solid to a liquid.
melting point	The temperature when a solid changes to a liquid.
precipitation	Liquid droplets and solid water particles that fall from clouds including rain, snow, sleet, or hail.
rate	A measure of how quickly something occurs.
solid	Having a firm shape or form that can be measured in length, width, and height.
states of matter	Solid, liquid, or gas.
temperature	A measurement of how hot or cold something is.
viscosity	How thick a liquid is or how easily it can flow.
water cycle	The continuous journey that water takes from lakes, rivers, and the sea to the sky, to the land and back to the lakes, river and sea.
Water vapour	Water in the form of a gas.