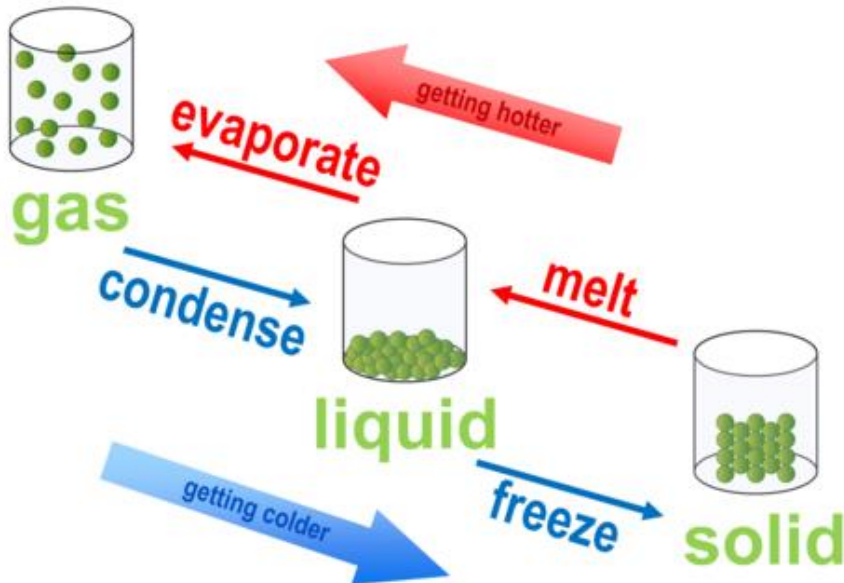
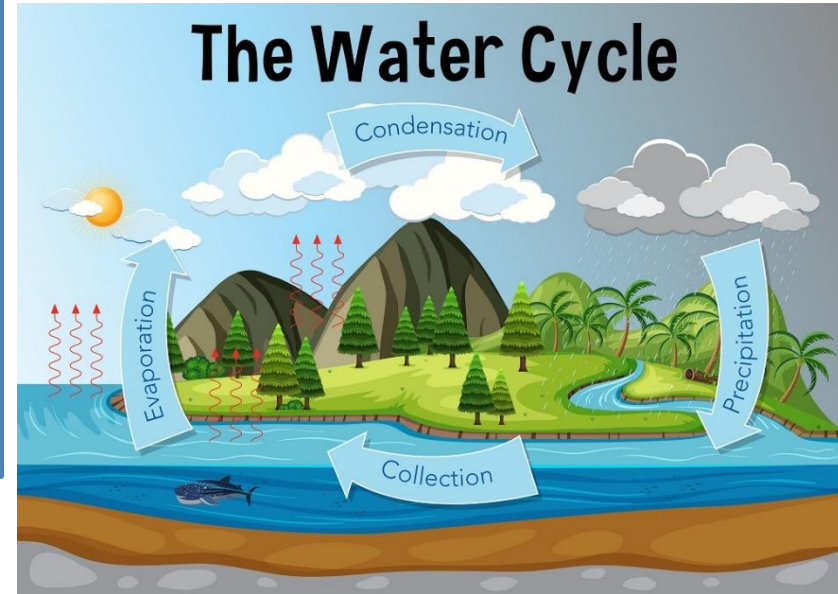




Sticky knowledge

- Things are made up of material in one of the three states of matter: solid, liquid and gas.
- Things are made up of particles which are arranged differently depending on the state of matter.
- Materials can change states of matter when there is a temperature change.
- The melting point of water is 0°C and the boiling point is 100°C



Skills

- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.
- identifying differences, similarities or changes related to simple scientific ideas and processes.
- setting up simple practical enquiries, comparative and fair tests



Key Vocabulary	Meaning
Solid	A substance that does not flow and has a constant volume.
Liquid	A substance that flows freely but is of constant volume
Gas	A substance which will expand freely to fill a whole container and has no fixed shape or volume
Evaporate	The process in which a liquid is heated and changes into a gas.
Melt	The process in which a solid is heated and changes into a liquid.
Condense	The process in which a gas is cooled and changes into a liquid.
Freeze/solidify	The process in which a liquid is cooled and changes into a solid.
Boiling point	The temperature at which a liquid boils and turns to gas
Melting point	The temperature at which a given solid will melt
Water cycle	The cycle of processes by which water circulates between the earth's oceans, atmosphere, and land.
Collection	When rain collects on the ground in puddles, rivers, streams, lakes, seas or oceans.
Precipitation	The process in which drops of water become too heavy in clouds and fall as rain, snow, hail or sleet.