

Prior Learning

- I can explore the natural world around me, making observations and drawing pictures of what I see.
- I know about some important processes and changes in the natural world around them, including changing states of matter (ice freezing and melting).

Sticky Knowledge

- I can say whether materials are solids, liquids or gases.
- I can compare and group materials together, according to whether they are solids, liquids or gases.
- I observe that some materials change state when they are heated or cooled and find out what temperature (degrees Celsius - °C) this happens at.
- I can identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Vocabulary

Change of State	When a material changes to another form, i.e. a liquid changing to a solid
Condense	When a gas turns into a liquid. It sometimes forms condensation , where
Cooled	Where the temperature of a material
Evaporation	The process of turning from liquid to a gas, sometimes called a vapour.
Freeze	When a liquid is cooled until it turns
Gas	An air-like substance which expands
Heated	Where the temperature of a material
Liquid	A material that flows freely but can be measured by volume e.g. water or
Melting	When a solid changes state into a
Solid	Firm and stable in shape, not a liquid
Solidify	When a material goes hard, or when
Temperature	How hot a material is.

Changing States

