

States of Matter

Important Questions		Key Knowledge	
1	What are solids, liquids and gases?	1	To explore a variety of everyday materials and group them according to their characteristics.
2	What happens when materials are heated or cooled?	2	To observe solids, liquids and gases.
		3	To observe the changes to materials when heated or cooled.
		4	To explain the water cycle process.
3	What is evaporation and condensation?		
4	What is the water cycle?	Key Skills	
		1	To group and classify a variety of different materials.
5	What are standard units for temperature measurement?	2	To explore the effect of temperature.
		3	To research the temperature at which materials change state.

Key Vocabulary		
1	States of matter	The classification of a material.
2	Solid	Solids hold their shape.
3	Liquid	Form a pool not a pile.
4	Gas	Gases escape from an unsealed container.
5	Evaporation	the process of turning from liquid into vapour.
6	Condensation	the conversion of a vapour or gas to a liquid
7	The water cycle	the cycle of processes by which water circulates between the earth's oceans, atmosphere, and land.
8	Temperature	A measurement of how hot or cold matter is.
9	Freezing/boiling point	The temperature at which something freezes or boils.
10	Particle	a minute portion of matter.