

## Important Questions

1	What are solids, liquids and gases?	
2	What happens when materials are heated or cooled?	
3	What is evaporation and condensation?	
4	What is the water cycle?	
5	What are standard units for temperature measurement?	

## Key Skills

1	To explore a variety of everyday materials and group them according to their characteristics.	
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.	

## Key Vocabulary

1	States of matter	The classification of a material.	
2	Solid	Solids hold their shape. (some will change shape if a force is applied)	
3	Liquid	Form a pool not a pile. (Will fit to the shape of a container)	
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.	

## Working Scientifically

1	To group and classify a variety of different materials.	
2	To explore the effect of temperature.	
3	To research the temperature at which materials change state.	

