





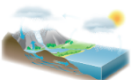




States of Matter



What are we learning?						
To explore and categorise materials and objects into solids, liquids and gases.	To explore and categorise materials that are difficult to identify as a solid, liquid or gas.	To understand how some materials can change states between solids, liquids and gases.	To safely use and interpret data from equipment used in an investigation of materials changing state.	To plan and evaluate an investigation to identify if the temperature of water affects the time for ice to melt.	To identify how evaporation and condensation are a process in the water cycle.	To plan and evaluate an investigation to identify if temperature of the air affects the time it takes for water to evaporate.

Key vocabulary		
solid	a state of matter with a fixed shape and a fixed volume	
liquid	a state of matter with no fixed shape but a fixed volume	
gas	a state of matter with no fixed shape and no fixed volume	
volume	the amount of space a solid, liquid or a gas takes up	
pouring solid	a solid that can be poured like a liquid	
oobleck	a material made from corn starch and water	
the water cycle	the processes which recycle and move water around Earth	

Key vocabulary		
precipitation	solid or liquid water that falls from the atmosphere, in the form of rain, hail, sleet or snow	
atmosphere	the layer of gases that surrounds the Earth	
condensation	the change of state from a gas to a liquid	