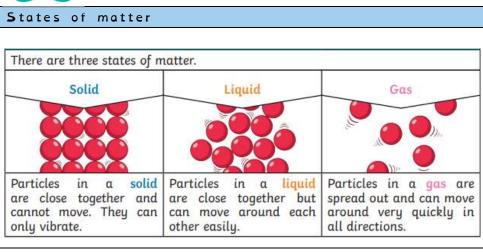
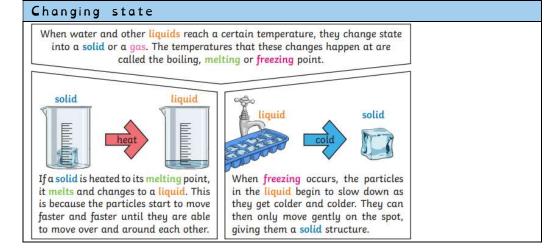
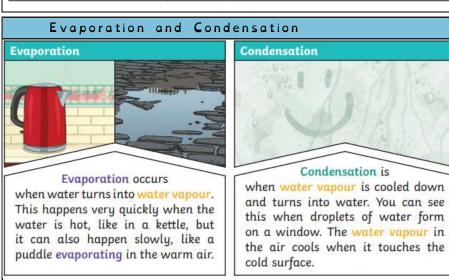


## Science - States of Matter







Key Vocabulary				
<b>S</b> olid	Materials that keep their shape unless a force is applies to them.			
	They take up the same amount of space no matter what has			
	happened to them.			
Liquid	Take the shape of their container. They can change shape but not			
	the amount of space they take up. They can flow or be poured.			
Gas	Gases can spread out to fill the container they are in. They do			
	not have a fixed shape.			
Evaporation	When a liquid is heated and becomes a gas.			
Condensation	When a gas is cooled and becomes a liquid.			
Particles	A tiny piece of matter. Everything in the universe is made of			
	particles.			
Water Cycle	The movement of water around the Earth.			
Freezing	When a liquid is cooled and it becomes a solid.			
Heating	Applying heat. A solid becomes a liquid and a liquid becomes a gas.			
Temperature	The measure of the warmth or coldness of an object or material.			
Celcius	A measure of temperature.			



## States of Matter - Skills - Working Scientifically

## National Curriculum

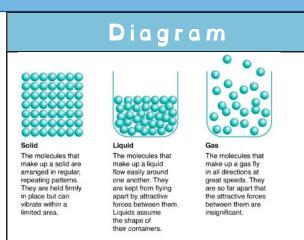
Identifying differences, similarities or changes related to simple scientific ideas and processes.

Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.

Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.

Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.

Setting up simple practical enquiries, comparative and fair tests.



- 5	Tab	ole 1	
	Total	grass height (in	ches)
Week	Trial A	Trial B	Trial C
0	0.50	0.50	0.50
1	1.26	1.01	0.94
2	2.21	1.48	1.13
3	3.52	2.03	1.20

	Key Vocabulary			
classify	To arrange a group of people/organisms or things			
	into classes or categories.			
compare	Note similarities and differences between different			
	things e.g. compare different types of materials			
diagram	A drawn and annotated representation of how an			
	experiment has been set up.			
measuring	<b>U</b> se a thermometer to record the exact			
(temperature)	temperature) temperature of a material.			
observation	Spotting patterns and changes over time.			
data	Information that has been collected.			
fair test	A test that controls all but one variable when			
	attempting to answer a scientific question.			