

Leintwardine Endowed CE Primary School Learning Journey Key

'Letting Our Light Shine'

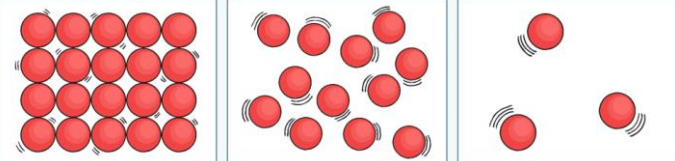

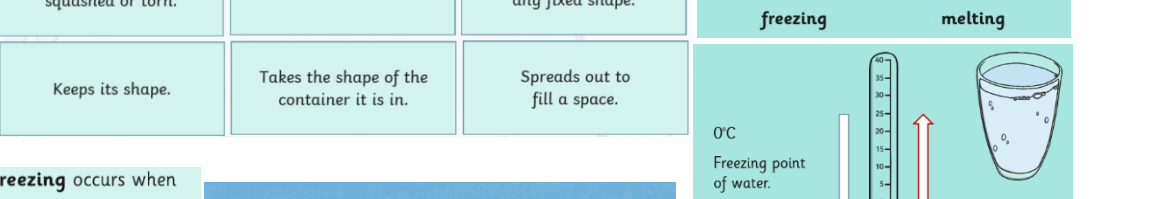
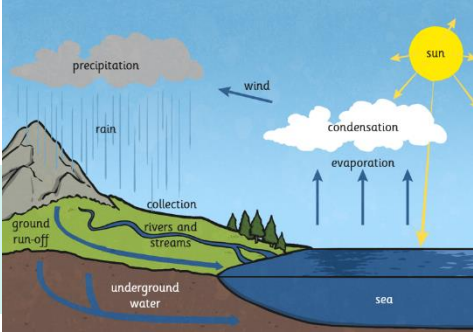
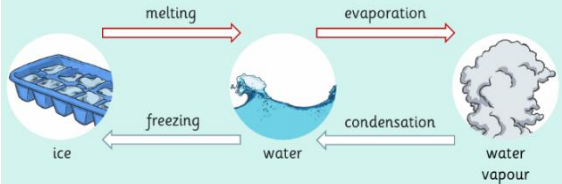
SUBJECT : Science

YEAR : A

TERM : Summer 1

YEAR GROUPS : 3/4

Key Question: What are the three states of matter?

Question	Vocabulary to Use	Information which will help me	Can I....?
Solid, Liquid or Gas?	solid, liquid, gas, particles, state,		<ul style="list-style-type: none"> Sort materials into solids, liquids and gases?
What are gases and what are they used for?	material, properties, carbon dioxide, matter,		<ul style="list-style-type: none"> Explain that heating causes melting, and cooling causes freezing?
How do some materials change as they are heated or cooled?	weight, mass, melt, heat, freeze, cool, thermometer, temperature,		<ul style="list-style-type: none"> Identify the melting and freezing point of water? Describe evaporation and condensation using practical examples?
Why is water wonderful?	condense, evaporate, process, water, ice, water vapour, dry, energy,	<p>Freezing occurs when water is made very cold. When water reaches 0°C it turns to ice. (Freezing is a liquid turning to a solid.)</p> <p>Condensation is when water vapour is cooled down and turns to water (a gas turning to a liquid).</p> 	<ul style="list-style-type: none"> Describe the effect of temperature on evaporation referring to their investigation? Identify the stages of the water cycle?
What is evaporation and how can we prove it exists? What is the water cycle?	precipitation, clouds, rain, sleet, hail, snow, states of matter	<p>Evaporation is when water turns into water vapour (a liquid turning to a gas).</p> <p>Melting occurs when ice warms up and changes to water (a solid changing to a liquid). At temperatures above 0°C, ice will melt.</p> 	<ul style="list-style-type: none"> Predict what will happen in an investigation? Make observations?

