

# Science Knowledge Organiser Y1/2 – Exploring Change

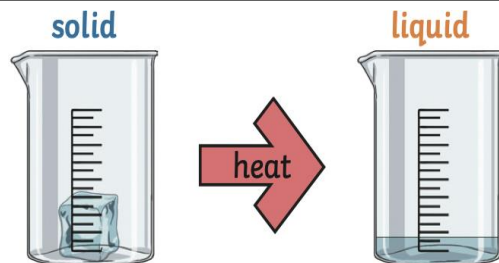


## Key Vocabulary

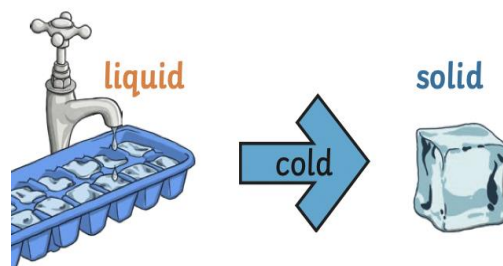
<b>materials</b>	<b>Materials</b> can be one of three states: solids, liquids, or gases. Some <b>materials</b> can change from one and back to another again.
<b>melt</b>	This is when a <b>solid</b> changes to a <b>liquid</b> .
<b>freeze</b>	<b>Liquid</b> turns to a <b>solid</b> during the freezing process.
<b>solid</b>	These are <b>materials</b> that keep their shape unless force is applied to them. They can be hard, soft or even squashy.
<b>liquid</b>	<b>Liquids</b> take the shape of their container. They can flow or be poured.

## Assessment

- To understand that water is a material and ice is water in a different state.
- To devise investigations to melt ice quickly.
- To observe and measure how puddles change over time.
- To understand what makes puddles dry up
- To understand why a waterproof material is sometimes used to make clothing.
- To understand why some material change shape when they are heated up.



If a solid is heated to its **melting** point, it melts and becomes a **liquid**.



When **liquids** freeze, and become colder they become **solid**.

Squash an object by pushing both hands together.



Bend an object by grabbing both ends of the object and bringing the ends inwards together.



Twist an object by turning your hands in opposite directions.



Stretch an object by pulling your hands slowly and gently apart.

