

Science Focus:	<b>States of matter</b>	Year - 4
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## (Key Vocabulary / Spellings)

Spelling		Definition/Sentence
<b>solid</b>	<b>cooling</b>	<b>evaporating</b>
<b>liquid</b>	<b>melting</b>	<b>condensing</b>
<b>gas</b>	<b>boiling</b>	<b>temperature</b>
		<b>Degrees celsius</b>

## (Key Knowledge)

### Investigate sound and hearing

<p>What is a solid liquid or gas?</p>	<p>Materials can be grouped into - Solid, liquid and gas. <b>Solid</b> is the state in which matter maintains a fixed volume and shape; <b>liquid</b> is the state in which matter adapts to the shape of its container but varies only slightly in volume; and <b>gas</b> is the state in which matter expands to occupy the volume and shape of its container.</p>
<p>Which materials change shape when they are heated and cooled?</p>	<p>Some materials that are solid in their room temperature state melt, they turn into a liquid when heated. Other materials solidify when they are cooled, turning from a liquid into a solid.</p>
<p>What changes in state take place in the water cycle?</p>	<p>Evaporation is the process of water turning from a liquid to a gas. Condensation is when water vapor turns to a liquid. Both of these processes take place in the water cycle. As temperatures increase so does the rate of evaporation.</p>

