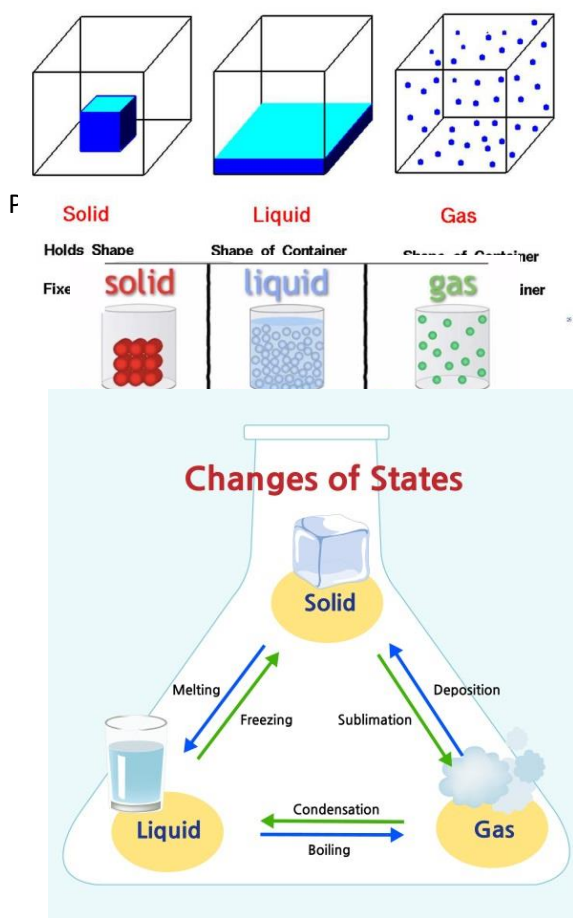


States of matter

Prior Learning: Everything is made up of matter, forces can affect matter

P.O.S – States of matter

Concept – Physics forces, chemistry – chemical reactions

Facts	Vocabulary
<p>1. Matter</p> <ol style="list-style-type: none"> is made of tiny little particles. materials exist as – solid, liquid, gas 	<p>1. Matter - Middle English: via Old French from Latin materia 'timber, substance', also 'subject of discourse', from mater 'mother'.</p>
<p>2. Solids:</p> <ol style="list-style-type: none"> firm and stable in shape not fluid particles very close together / vibrate around a fixed position 	
<p>3. Liquid:</p> <ol style="list-style-type: none"> substance that flows freely not of constant volume having a consistency like that of water or oil. particles close but randomly arranged / move around 	
<p>4. Gases:</p> <ol style="list-style-type: none"> substance will expand freely to fill the whole of a container having no fixed shape no fixed volume particles far apart and randomly arranged / move around 	
<p>5. Changes of state:</p> <ol style="list-style-type: none"> Melting is the process of changing a solid into a liquid Evaporation is the process of changing a liquid into a gas Condensation is the process of changing a gas into a liquid Freezing is the process of changing a liquid into a solid 	
<p>6. Water cycle:</p> <ol style="list-style-type: none"> Evaporation - In the water cycle, liquid water (in the ocean, lakes, or rivers) evaporates and becomes water vapour Condensation - In the water cycle, water vapour in the atmosphere condenses and becomes liquid. 	
<p>7. Water:</p> <ol style="list-style-type: none"> boils at 100°C. freezes at 0°C. 	
<p>Websites:</p> <p>https://www.bbc.com/bitesize/topics/zkkg87h</p> <p>https://www.bbc.com/bitesize/clips/z8qtf8</p> <p>https://www.youtube.com/watch?v=TWb4KIM2vts</p>	