

Prior Learning				
Lesson Number	Title	Lesson Content	Key Words	Assessment/Homework
1	Mixtures	<ul style="list-style-type: none"> <li>Classify mixtures as either suspension, colloid or solution</li> <li>Describe filtration- how insoluble substances can be separated from a liquid</li> </ul>	<ul style="list-style-type: none"> <li>Suspension</li> <li>Colloid</li> <li>Solution</li> <li>Filtration</li> </ul>	
2	Solutions	<ul style="list-style-type: none"> <li>Identify the solute and solvent in a solution</li> <li>Describe how soluble substances can form solutions</li> <li>Describe the effects of different variables on solubility</li> </ul>	<ul style="list-style-type: none"> <li>Solvent</li> <li>Soluble</li> <li>Solute</li> <li>Saturated</li> </ul>	
3	Evaporation	<ul style="list-style-type: none"> <li>Describe how solutes can be separated from a solution by evaporation</li> <li>Describe the difference between evaporation and boiling</li> </ul>	<ul style="list-style-type: none"> <li>Evaporation</li> </ul>	Produce a safety assessment for this experiment whereby separating salt samples from solutions.
4	Chromatography	<ul style="list-style-type: none"> <li>Describe how chromatography can be used to identify substances in a mixture</li> <li>Explain how chromatography works</li> </ul>	<ul style="list-style-type: none"> <li>Chromatography</li> </ul>	
5	Distillation	<ul style="list-style-type: none"> <li>Explain how distillation can be used to separate solvent from a solution</li> </ul>	<ul style="list-style-type: none"> <li>Distillation</li> </ul>	
<b>End of unit test</b>				
<b>Where we will use these ideas again</b>		<b>Used in C7: fractional distillation of crude oil as well as C8 looking further at chromatography.</b>		