



Curriculum Plan Level 3 BTEC Science Year 12  
2016

Autumn Term	Spring Term	Summer Term
<p><b><u>Principles and Applications of Science 1</u></b></p> <ul style="list-style-type: none"> <li>• Topic A: Periodicity and properties of elements</li> <li>• Topic B: Structure and function of cells and tissues</li> <li>• Topic C: Waves and communication</li> </ul>	<p><b><u>Practical Scientific Procedures and Techniques</u></b></p> <ul style="list-style-type: none"> <li>• Learning aim A: Undertake titration and colorimetry to determine the concentration of solutions</li> <li>• Learning aim B: Undertake calorimetry to study cooling curves</li> <li>• Learning aim C: Undertake chromatographic techniques to identify components in mixtures</li> <li>• Learning aim D: Review personal development of scientific skills for laboratory work</li> </ul>	<p><b><u>Science Investigation Skills</u></b></p> <ul style="list-style-type: none"> <li>• Topic D: Enzymes in action</li> <li>• Topic E: Diffusion of molecules</li> <li>• Topic F: Plants and their environment</li> <li>• Topic G: Energy content of fuels</li> <li>• Topic H: Electrical circuits</li> </ul>
<p>HALF TERM</p>		

Bishop Milner Catholic College



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