



Department: Biology	
Year 10 Course summary:	
<p><b>B7 – Non communicable Disease</b></p> <ul style="list-style-type: none"> <li>• Causation and Correlation</li> <li>• Cancer</li> <li>• Smoking</li> <li>• Alcohol</li> <li>• Diet</li> </ul>	<p><b>B10 – The Nervous System</b></p> <ul style="list-style-type: none"> <li>• Homeostasis</li> <li>• Structure and function of the nervous system</li> <li>• Reflex actions</li> <li>• The brain</li> <li>• The eye</li> <li>• Eye problems</li> </ul>
<p><b>B8/9 – Photosynthesis and Respiration</b></p> <ul style="list-style-type: none"> <li>• Photosynthesis</li> <li>• Factors affecting rate of photosynthesis</li> <li>• How plants use glucose</li> <li>• Greenhouses</li> <li>• Aerobic respiration</li> <li>• Exercise and respiration</li> <li>• Anaerobic respiration</li> <li>• Metabolism and the liver</li> </ul>	<p><b>B11 – The Hormonal System</b></p> <ul style="list-style-type: none"> <li>• Controlling blood glucose</li> <li>• Diabetes</li> <li>• Negative feedback</li> <li>• Menstrual cycle</li> <li>• Fertility</li> <li>• Plant hormones</li> </ul>
	<p><b>B12 – Homeostasis in Action</b></p> <ul style="list-style-type: none"> <li>• Controlling body temperature</li> <li>• Removal of waste</li> <li>• Kidney structure and function</li> <li>• Dialysis</li> <li>• Kidney transplant</li> </ul>
	<p><b>B13 – Reproduction</b></p> <ul style="list-style-type: none"> <li>• Sexual and asexual reproduction</li> <li>• Structure of DNA</li> <li>• Protein synthesis</li> <li>• Gene expression</li> <li>• Mutation</li> <li>• Inheritance</li> <li>• Inherited disorders</li> <li>• Screening</li> </ul>
IST Assessments:	
Michaelmas	Lent
<p><b>B7 – Non communicable Disease</b></p> <p><b>B8/9 – Photosynthesis and Respiration</b></p> <p>Required Practical 6 and 7</p>	<p><b>B10 – The Nervous System</b></p> <p><b>B11 – The Hormonal System</b></p> <p>Required Practical 8</p>
	<p><b>B12 – Homeostasis in Action</b></p> <p><b>B13 – Reproduction</b></p>