



# Long Term Plan

## IGCSE Biology

2021-2022	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 7 weeks	Spring 2 7 weeks	Summer 7 weeks
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<p><b>Year 10</b></p>	<p><b>Organisms and Life Processes</b></p> <ul style="list-style-type: none"> <li>Life processes</li> <li>The variety of living organisms</li> </ul> <p><b>Animal Physiology</b></p> <ul style="list-style-type: none"> <li>Food and digestion</li> </ul>	<p><b>Animal Physiology</b></p> <ul style="list-style-type: none"> <li>Breathing and gas exchange</li> <li>Blood and circulation</li> <li>Coordination</li> <li>Chemical coordination</li> </ul>	<p><b>Animal Physiology</b></p> <ul style="list-style-type: none"> <li>Homeostasis and excretion</li> <li>Reproduction in humans</li> </ul>	<p><b>Plant Physiology</b></p> <ul style="list-style-type: none"> <li>Plants and food</li> <li>Transport in plants</li> </ul>	<p><b>Plant Physiology</b></p> <ul style="list-style-type: none"> <li>Chemical coordination in plants</li> <li>Reproduction in plants</li> </ul>
<p><b>Year 11</b></p>	<p><b>Animal &amp; Plant Physiology</b></p> <ul style="list-style-type: none"> <li>Homeostasis and excretion</li> <li>Reproduction in humans</li> </ul> <p><b>Plant Physiology</b></p> <ul style="list-style-type: none"> <li>Plants and food</li> <li>Transport in plants</li> </ul>	<p><b>Plant Physiology</b></p> <ul style="list-style-type: none"> <li>Chemical coordination in plants</li> <li>Reproduction in plants</li> </ul> <p><b>Variation and selection</b></p> <ul style="list-style-type: none"> <li>Chromosomes, genes and DNA</li> </ul>	<p><b>Variation and selection</b></p> <ul style="list-style-type: none"> <li>Cell division</li> <li>Genes and inheritance</li> <li>Natural selection and evolution</li> </ul>	<p><b>Variation and selection</b></p> <ul style="list-style-type: none"> <li>Selective breeding</li> </ul> <p><b>Microorganisms and genetic modification</b></p> <ul style="list-style-type: none"> <li>Using microorganisms</li> <li>Genetic modification</li> </ul>	<p>Revision for external exams</p>