

Year 10 GCSE Biology Learning Programme 5

<p>The LORIC skill focus for this LP is: COMMUNICATION.</p> <p>The Moral Virtues focus for this LP are: COURAGE and HUMILITY.</p> <p>Courage - Acting with bravery and overcoming fears.</p> <p>Humility - Having a modest view of oneself.</p>		<p>Literacy:</p> <ul style="list-style-type: none"> • Capital letters must be used at the start of sentences and for the first letter of proper nouns • Full stops must be used at the end of a sentence • Question marks must be used at the end of a question • Apostrophes should only be used for possession or omission • Days of the week and months must be spelled correctly • Key words must be spelled correctly 	
<p>What will I be learning about in this Learning Programme?</p> <p>How living organisms photosynthesis and respire and how this can be manipulated and how the liver is involved in removal of lactic acid.</p>			
<p>Where have I seen this learning before?</p> <p>You have learnt about respiration and photosynthesis in KS2 and KS3.</p>			
<p>What could I use it for?</p> <p>You will use this knowledge in A-level Biology and Applied Science.</p>			
<p>In LP5.1, I will know:</p> <p>the importance of aerobic respiration and the importance of cellular respiration; how the body responds to increased demands for energy during exercise; the amount of energy transferred in anaerobic respiration and how this occurs in plants, bacteria and fungi.</p>	<p>13/05/24 - (WK 1)</p>	<p>Key Vocabulary</p> <p>Respiration</p>	<p>Homework</p> <p>Retrieval homework on the heart.</p>
<p>In LP5.2, I will know:</p> <p>the process of fermentation and the products from it. prepare for formative assessment.</p>	<p>20/05/24 - (WK 2)</p>	<p>Key Vocabulary</p> <p>Fermentation</p>	<p>Homework</p> <p>Exam question on the circulatory system.</p>
<p>In LP5.3, I will know:</p> <p>how the liver is involved in repaying oxygen debt; how ammonia is formed by deamination; my strengths and areas of development.</p> <p>Extended Task.</p>	<p>03/06/24 - (WK 1)</p>	<p>Key Vocabulary</p> <p>Deamination</p>	<p>Homework</p> <p>Exam questions on respiration.</p>
<p>In LP5.4, I will know:</p> <p>why your kidneys are important and how they work; the advantages and disadvantages of dialysis.</p>	<p>10/06/24 - (WK 2)</p>	<p>Key Vocabulary</p> <p>Dialysis</p>	<p>Homework</p> <p>Revise for summative assessment</p>
<p>In LP5.5, I will know:</p> <p>how to revise LP1 content for summative assessment; how to revise LP2 content for summative assessment; how to revise LP3 content for summative assessment.</p>	<p>17/06/24 - (WK 1)</p>	<p>Key Vocabulary</p>	<p>Homework</p> <p>Revise for summative assessment.</p>
<p>In LP5.6, I will know:</p> <p>how to revise LP4 content for summative assessment; how to complete summative assessment; my strengths and areas of development.</p> <p>Extended Task.</p>	<p>24/06/24 - (WK 2)</p>	<p>Key Vocabulary</p>	<p>Homework</p> <p>Retrieval homework on the digestive system.</p>
<p>In LP5.7, I will know:</p> <p>the process involved in a kidney transplant. how to review and improve my learning from this year.</p>	<p>01/07/24 - (WK 1)</p>	<p>Key Vocabulary</p> <p>Transplant</p>	<p>Homework</p> <p>Exam question on anaerobic respiration.</p>
<p>In LP5.8, I will know:</p> <p>how to review my learning for the year.</p>	<p>08/07/24 - (WK 2)</p>	<p>Key Vocabulary</p>	<p>Homework</p> <p>Exam practice to review learning for the year.</p>
<p>Resources to support learning:</p> <p>https://www.bbc.co.uk/bitesize/guides/zg8nrwx/revision/1 Knowledge organiser, booklet and Microsoft TEAMS.</p>			
<p>FFET Award Challenge for this Learning Programme:</p> <p>Complete a practice paper as part of your revision.</p>			

PRT Task 1

PRT Task 2