

Year 10 Combined Science Biology/Chemistry Learning Programme 5

<p>The LORIC skill focus for this LP is: COMMUNICATION. The Moral Virtues focus for this LP are: COURAGE and HUMILITY.</p> <p>Courage - Acting with bravery and overcoming fears. Humility - Having a modest view of oneself.</p> <p>What will I be learning about in this Learning Programme? How the immune system responds to pathogen but how non-communicable disease causes lots of deaths in developed countries.</p> <p>Where have I seen this learning before? You will have learnt about disease in KS2 and KS3, you will have heard about disease on the news.</p> <p>What could I use it for? You will learn about the immune system in A-level Biology and you could consider a degree in Immunology.</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>In LP5.1, I will know: the different types of pathogens and the diseases they cause, as well as the symptoms and treatments for these; what causes plant diseases and how the spread of these can be reduced.</p>	<p>11/05/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>pathogen</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>In LP5.2, I will know: how the spread of disease can be reduced or prevented with emphasis on malaria; how the body protects you from disease including the role of white blood cells.</p>	<p>18/05/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>immunity</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>LP5 RLW, I will: review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.</p>	<p>01/06/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>revision</p>	<p>Homework</p> <p>Use revision techniques to prepare for the summative assessment.</p>
<p>In LP5.3, I will know: the use of vaccinations and the protection against disease; why testing new drugs is so important and how they are tested including the role of antibiotics.</p> <p>Extended Task.</p>	<p>08/05/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>vaccination</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>In LP5.4, I will know: complete assessments in all subjects to review my progress.</p>	<p>15/06/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>assessment</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>In LP5.5, I will know: complete assessments in all subjects to review my progress.</p>	<p>22/06/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>progress</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>In LP5.6, I will know: the different types of stem cell and describe how they can be used to treat medical conditions; how lifestyle can contribute to the formation of non-communicable diseases including cancer and the role of carcinogens.</p> <p>Extended Task.</p>	<p>29/06/26 - (WK 1)</p> <p>Key Vocabulary</p> <p>carcinogen</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>In LP5.7, I will know: the link between obesity, diabetes and CHD and poor diet; the impact of smoking and alcohol on body function as well as the social and economic impact of these.</p>	<p>06/07/26 - (WK 2)</p> <p>Key Vocabulary</p> <p>lifestyle</p>	<p>Homework</p> <p>Complete Sparx Science task.</p>
<p>Resources to support learning: Synergy, EPC knowledge organiser, Sparx Science, BBC Bitesize Infection and Response, YouTube Science Videos, Cognito Science.</p>		
<p>FFET Award Challenge for this Learning Programme: Watch a documentary about diseases around the world and write a brief report on what you learnt.</p>		

