

Triple Science: Biology for 9S1 and 9S2. The Topics covered will be B5 Communicable disease and B6 Treating and preventing disease. Please note: B5 and B6 refer to the sections in the Digital Biology e-book on Kerboodle which students can access when they log into their account on www.kerboodle.com. Students can read the double page spreads, in the digital e-books, for each topic covered below to support their learning alongside the work set from www.theeverlearner.com.



Enquiry Question:

1. What are communicable diseases and how can we prevent them?

Week	Title	Success checklist	Work to submit	Date due
1	<p>B5 Communicable Diseases B5.1 Health and Disease B5.2 Pathogens and Disease</p>		<p>Students will watch the teaching video – Communicable diseases, and will make notes in the ‘notes’ section.</p> <p>Students will use the Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p>	27 th April 2020
2	<p>B5 Communicable Disease B5.3 Growing Bacteria in the Lab</p>		<p>Read pages 78 to 79 of the Kerboodle digital Biology textbook. B5.3 Growing bacteria in the lab</p> <p>Complete summary questions 1 to 3.</p> <p>Students should complete the questions and then mark their answers using the markschemes which will be provided.</p>	4 th May 2020

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	<p>B5.4 Preventing bacterial growth</p>		<p>Read pages 80 to 81 of the Kerboodle digital Biology textbook. B5.4 Preventing bacterial growth</p> <p>Complete summary questions 1 to 3.</p> <p>Students should complete the questions and then mark their answers using the markschemes which will be provided.</p>	
<p>3</p>	<p>B5 Communicable Disease B5.5 Preventing infections</p>		<p>Read pages 82 to 83 of the Kerboodle digital Biology textbook. B5.5 Preventing infections</p> <p>Complete summary questions 1 to 3.</p> <p>Students should complete the questions and then mark their answers using the markschemes which will be provided.</p> <p>Rewatch the video on Communicable diseases and review the notes that you made whilst you first watched the video.</p> <p>Students will use the Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p>	<p>11th May 2020</p>

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<p>4</p>	<p>B5 Communicable Disease B5.6 Viral Diseases B5.7 Bacterial diseases</p>		<p>Students will watch two teaching videos (covering both lessons B5.6 and B5.7), and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p>	<p>18th May 2020</p>
<p>5</p>	<p>B5 Communicable Disease B5.8 Diseases caused by fungi and protists</p>		<p>Students will watch the teaching video – Fungal diseases and protist diseases, and will make notes in the 'notes' section.</p> <p>Students will use the Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p>	<p>25th May 2020</p>

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<p>6</p>	<p>B5 Communicable Disease B5.9 Human Defence responses</p> <p>Assessment on Communicable disease topic so far</p>		<p>Students will watch two teaching videos (Non-specific human defence systems and the Immune system), and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p> <p>Complete Check point 7 to the best of your ability and submit by the due date</p>	<p>8th June 2020</p>
<p>7</p>	<p>B5 Communicable Disease B5.10 More about plant diseases</p> <p>B5.11 Plant defence responses</p> <p>B5 Assessment task on Plant Disease</p>		<p>Students will watch two teaching videos (Detection and identification of plant diseases and Plant defence responses), and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p> <p>Complete Check point 9 to the best of your ability and submit by the due date</p>	<p>15th June 2020</p>

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<p>8</p>	<p>B6 Preventing and Treating Disease B6.1 Vaccination B6.2 Antibiotics and Painkillers</p>		<p>Students will watch two teaching videos (Vaccination and Antibiotics & painkillers), and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the <u>TEST YOURSELF</u> which will be monitored by the class teacher.</p>	<p>22nd June 2020</p>
<p>9</p>	<p>B6 Preventing and Treating Disease B6.3 Discovering drugs B6.4 Developing drugs</p>		<p>Students will watch one teaching video (Discovery and the development of drugs), which covers the two lessons and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the <u>TEST YOURSELF</u> which will be monitored by the class teacher.</p>	<p>6th July 2020</p>

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10	<p>Monoclonal antibodies</p> <p>Producing Monoclonal antibodies</p> <p>Uses of Monoclonal antibodies</p>		<p>Students will watch two teaching videos (Producing monoclonal antibodies and the uses of monoclonal antibodies), and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p>	13 th July 2020
11	<p>Plant Disease</p> <p>Detection and identification of plant diseases</p> <p>Plant defence responses</p>		<p>Students will watch two teaching videos (Detection & identification of plant diseases and Plant defence responses), and will make notes in the 'notes' section.</p> <p>Students will use Test practice area to review knowledge – while using their notes taken whilst watching the video. Automatic feedback will be given to address misconceptions or incorrect answers.</p> <p>Students will complete and submit the TEST YOURSELF which will be monitored by the class teacher.</p>	20 th July 2020
12	<p>Review of topics on:</p> <p>Vaccination and Drugs; monoclonal antibodies; plant diseases</p>		<p>Re-watch the videos on the topics:</p> <ul style="list-style-type: none"> • Vaccination and Drugs • monoclonal antibodies • plant diseases <p>Review the notes that you made whilst you first watched the video.</p> <p>Complete CheckPoints 8 and 9.</p>	22 nd July

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Year 9 S1 and 9S2 – Summer term 1 overview