

**Year 11 Long Term Scheme of Learning 2024-25**

**Subject: Separate Science - Biology**

Date (w/b)	Exams	Unit(s)
02/09/2024		<b>B5 Homeostasis and Response</b>
09/09/2024		<ul style="list-style-type: none"> <li>• B5.3 The kidney and ADH</li> <li>• B5.4 Phototropism and Plant hormones</li> <li>• B5.4 Required Practical 8 - Phototropism</li> </ul>
16/09/2024		<b>B6 Inheritance, Variation and Evolution</b>
23/09/2024		<ul style="list-style-type: none"> <li>• B6.1 Meiosis</li> <li>• B6.1 Advantages/disadvantages of sexual and asexual reproduction</li> </ul>
30/09/2024		<ul style="list-style-type: none"> <li>• B6.1 The understanding of genetics</li> </ul>
07/10/2024		<ul style="list-style-type: none"> <li>• B6.1 DNA structure</li> </ul>
14/10/2024		<ul style="list-style-type: none"> <li>• B6.1 Protein synthesis</li> </ul>
21/10/2024		<b>B6 Inheritance, Variation and Evolution</b>
04/11/2024		<ul style="list-style-type: none"> <li>• B6.2 Inheritance</li> <li>• B6.2 Understanding of genetics</li> </ul>
11/11/2024		<ul style="list-style-type: none"> <li>• B6.2 Genetic Engineering</li> <li>• B6.2 Cloning</li> </ul>
18/11/2024		<ul style="list-style-type: none"> <li>• B6.2 Variation</li> <li>• B6.2 Selective Breeding</li> </ul>
25/11/2024		<ul style="list-style-type: none"> <li>• B6.3 Evolution + Speciation</li> </ul>
02/12/2024		
09/12/2024		
16/12/2024		
06/01/2025		<ul style="list-style-type: none"> <li>• B6.3 Theory of Evolution</li> <li>• B6.3 Evidence for Evolution (Fossils)</li> <li>• B6.3 Classification and Extinction</li> </ul>
13/01/2025		
20/01/2025		<b>B7 Ecology</b>
27/01/2025		<ul style="list-style-type: none"> <li>• B7.1 Communities and Abiotic/Biotic factors</li> <li>• B7.1 Distribution of Organisms</li> </ul>
03/02/2025		<ul style="list-style-type: none"> <li>• B7.1 Required Practical recap – Sampling (completed in Summer)</li> </ul>
10/02/2025		<ul style="list-style-type: none"> <li>• B7.1 Adaptations</li> </ul>
24/02/2025		<b>B7 Ecology</b>
03/03/2025		<ul style="list-style-type: none"> <li>• B7.2 Trophic levels</li> </ul>

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10/03/2025		<ul style="list-style-type: none"> <li>• B7.2 Cycles and Decay</li> <li>• B7.2 Adaptations</li> <li>• B7.4 Trophic levels</li> <li>• B7.3 Waste management</li> </ul> B7.3 Global warming and biodiversity
17/03/2025		
24/03/2025		
31/03/2025		
21/04/2025		<b>B7 Ecology</b> <ul style="list-style-type: none"> <li>• B7.5 Farming</li> <li>• B7.5 Biotechnology</li> </ul> <b>Revision &amp; Exam Preparation</b> <ul style="list-style-type: none"> <li>• Revision &amp; review by unit</li> <li>• Working Scientifically Skills</li> <li>• Maths Skills</li> <li>• Required Practicals</li> <li>• Examination skills</li> </ul>
28/04/2025		
05/05/2025		
12/05/2025		
19/05/2025		
02/06/2025		
09/06/2025		
16/06/2025		
23/06/2025		
30/06/2025		
07/07/2025		
14/07/2025		