

## Varsity College Year 11 Biology 2024

### Term 1

Week	Date	Topics	Assessment
1	22-26 January O-Week Australia Day PH Fri	<ul style="list-style-type: none"> <li>Orientation Week</li> </ul>	
2	29 Jan-2 Feb	<ul style="list-style-type: none"> <li>(Unit 1, Topic 1.3) Internal Membrane and Enzymes</li> </ul>	
3	5-9 February Swimming Carnival - Thurs	<ul style="list-style-type: none"> <li>(Unit 1, Topic 1.4) Energy and Metabolism – Photosynthesis</li> </ul>	
4	12-16 February	<ul style="list-style-type: none"> <li>(Unit 1, Topic 1.4) Energy and Metabolism – Cellular Respiration</li> </ul>	
5	19-23 February	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.3) Exchange of nutrients and waste</li> <li>Mandatory Prac: Temperature and enzymes</li> </ul>	
6	26 Feb-1 Mar GC24 - Wednesday	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.3) Exchange of nutrients and waste</li> </ul>	
7	4-8 March	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.2) Gas Exchange and transport</li> </ul>	
8	11-15 March	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.2) Gas Exchange and transport</li> <li>Practice Data Analysis, Application and Interpretation</li> </ul>	
9	18-22 March GC24 - Thursday	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.4) Plant systems and gas exchange</li> </ul>	
10	25-29 March Good Friday PH	<b>EXAM BLOCK</b>	<b>U1 Data Test + Exam</b>
<b>School holidays: Friday March 29 - Sunday April 14</b>			

### Term 2

Week	Date	Topics	Assessment
1	15-19 April Cross Country - Wed	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.1) Infectious and Non-Infectious Disease</li> <li>Student Experiment (FIA2) –Plan and Conduct (IA2 1)</li> </ul>	SE Handed Out L3
2	22-26 April GC24 - Tuesday Anzac Day PH - Thurs	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.1) Infectious and Non-Infectious Disease</li> <li>Student Experiment – Plan and conduct (IA2 2&amp;3)</li> </ul>	
3	29 Apr-3 May	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.1) Virulence and Transmission</li> <li>Student Experiment – Analyse and Evaluate (IA2 4&amp;5)</li> </ul>	
4	6-10 May Labour Day PH - Mon	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.1) Virulence and Transmission</li> <li>Student Experiment – Analyse and evaluate (IA2 6&amp;7)</li> </ul>	
5	13-17 May	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.2) Physical and Chemical Immune Response</li> </ul>	SE Draft Due L1
6	20-24 May	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.2) Physical and Chemical Immune Response</li> </ul>	
7	27-31 May	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.2) Inflammatory Response and Adaptive Immune Response</li> <li>Student Experiment – Drafting Conferencing (IA2 8&amp;9)</li> </ul>	SE Draft Returned L2
8	3-7 June	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.3) Transmission of Disease</li> </ul>	<b>Student Experiment Due L3</b>
9	10-14 June GC24 - Wednesday	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.3) Spread and Control of Disease</li> </ul>	
10	17-21 June Athletics Carnival - Thurs	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.3) Spread and Control of Disease</li> </ul>	
<b>School holidays: Saturday June 22 - Sunday July 7</b>			

### Term 3

Week	Date	Topics	Assessment
1	8-12 July	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.1) Homeostasis</li> <li>Research Investigation—Handed Out, Plan and Conduct (IA3 1)</li> </ul>	RI Handed Out L2
2	15-19 July	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.2) Nervous System</li> <li>Research Investigation – Plan and Conduct (IA3 2&amp;3)</li> </ul>	
3	22-26 July GC24 - Thursday	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.2) Nervous System Homeostasis</li> <li>Research Investigation – Analyse and Interpret (IA3 4&amp;5)</li> </ul>	
4	29 Jul- 2 Aug	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.2) Nervous System Homeostasis</li> <li>Research Investigation – Evaluate and Conclude (IA3 6&amp;7)</li> </ul>	RI Draft Due L2
5	5-9 August	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.3) Hormonal Homeostasis - Types and glands;</li> <li>Upregulation and down regulation</li> </ul>	
6	12-16 August GC24 Finals – Wed.	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.3) Hormonal Homeostasis—Signal transduction</li> <li>(Unit 2, Topic 1.4) Thermoregulation</li> <li>Research Investigation – Drafting Conferencing (IA2 8&amp;9)</li> </ul>	RI Draft Returned L2
7	19-23 August	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.4) Thermoregulation</li> </ul>	<b>Research Investigation Due L2</b>
8	26-30 August	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.5) Osmoregulation</li> </ul>	
9	2-6 September	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
10	9-13 September	<b>Exam Block</b>	<b>U2 Exam (90min)</b>
<b>School holidays: Saturday September 14 – Sunday September 29</b>			

### Term 4

Week	Date	Topics	Assessment
1	30 Sept – 4 Oct	<ul style="list-style-type: none"> <li>Introduction to biodiversity and abiotic factors</li> </ul>	
2	7-11 October King's B'day PH - Monday	<ul style="list-style-type: none"> <li>Species diversity</li> </ul>	
3	14-18 October	<ul style="list-style-type: none"> <li>Species diversity indices, species interactions and abiotic factors</li> </ul>	
4	21 - 25 October	<ul style="list-style-type: none"> <li>Classification systems and cladistics</li> </ul>	
5	28 Oct – 1 Nov	<ul style="list-style-type: none"> <li>Classification of ecosystems</li> </ul>	
6	4-8 November	<ul style="list-style-type: none"> <li>Stratified sampling</li> </ul>	
7	11-15 November	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
8	18-22 November	<b>EXAM BLOCK</b>	<b>Data Test (IA1)</b>
<b>School holidays: Saturday November 23 – Monday January 27</b>			