

**Varsity College  
Year 11 Biology 2023**

**Term 1, 2023**

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	<ul style="list-style-type: none"> <li>(Unit 1, Topic 1.3) Internal Membrane and Enzymes</li> </ul>	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> <li>(Unit 1, Topic 1.4) Energy and Metabolism – Photosynthesis</li> </ul>	
3	6-10 February	<ul style="list-style-type: none"> <li>(Unit 1, Topic 1.4) Energy and Metabolism – Cellular Respiration</li> </ul>	
4	13-17 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>	
5	20-24 February	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.3) Exchange of nutrients and waste</li> </ul>	
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.2) Gas Exchange and transport</li> </ul>	
7	6-10 March GIPSA - Wednesday	<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>	
8	13-17 March	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.4) Plant systems and gas exchange</li> </ul>	
9	20-24 March	<ul style="list-style-type: none"> <li>(Unit 1, Topic 2.4) Plant systems and gas exchange</li> </ul>	
10	27-31 March Cross Country - Thurs	<b>Exam Block</b>	<b>U1 Data Test + Exam (2H)</b>
<b>School Holidays: Saturday April 1 – Sunday April 16</b>			

**Term 2, 2023**

Week	Date	Topics	Assessment
1	17-21 April Athletics Carnival - Wednesday	<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>	<b>SE Handed Out L3</b>
2	24-28 April ANZAC Day PH - Tues	<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	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<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	8-12 May	<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	15-19 May GIPSA - Wednesday	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.2) Physical and Chemical Immune Response</li> </ul>	<b>SE Draft Due L1</b>
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.2) Physical and Chemical Immune Response</li> </ul>	
7	29 May – 2 June	<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>	<b>SE Draft Returned L2</b>
8	5-9 June Exam Block – Tuesday L1,2 GIPSA - Wednesday	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.3) Transmission of Disease</li> </ul>	<b>Student Experiment Due L3</b>
9	12-16 June	<ul style="list-style-type: none"> <li>(Unit 2, Topic 2.3) Spread and Control of Disease</li> </ul>	
10	19-23 June	<b>Exam Block</b>	
<b>School Holidays: Saturday June 24 – Sunday July 9</b>			

### Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 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	17-21 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	24-28 July	<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	31 July – 4 August	<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	7-11 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	14-18 August	<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	21-25 August	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.4) Thermoregulation</li> </ul>	Research Investigation Due L2
8	28 August – 1 Sept.	<ul style="list-style-type: none"> <li>(Unit 2, Topic 1.5) Osmoregulation</li> </ul>	
9	4-8 September	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
10	11-15 September	Exam Block	U2 Exam (90min)
School Holidays: Saturday September 16 – Monday October 2			

### Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October Queen's Birthday PH - Mon	<ul style="list-style-type: none"> <li>Introduction to biodiversity and abiotic factors</li> </ul>	
2	9-13 October	<ul style="list-style-type: none"> <li>Species diversity</li> </ul>	
3	16-20 October	<ul style="list-style-type: none"> <li>Species diversity indices, species interactions and abiotic factors</li> </ul>	
4	23-27 October	<ul style="list-style-type: none"> <li>Classification systems and cladistics</li> </ul>	
5	30 Oct – 3 Nov	<ul style="list-style-type: none"> <li>Classification of ecosystems</li> </ul>	
6	6-10 November	<ul style="list-style-type: none"> <li>Excursion to Numinbah Valley Environmental Education Centre</li> <li>Stratified sampling</li> </ul>	
7	13-17 November	<ul style="list-style-type: none"> <li>Revision</li> </ul>	
8	20-24 November	Exam Block	Data Test (IA1)
School Holidays: Saturday November 25 – Sunday January 21, 2024			