

Varsity College Year 11 Physics 2024

Term 1

Week	Date	Topics	Assessment
1	22-26 January O-Week Australia Day PH Fri	<ul style="list-style-type: none"> Orientation Week 	
2	29 Jan-2 Feb	<ul style="list-style-type: none"> (Unit 1, Topic 2.1) Nuclear model and stability (Unit 1, Topic 2.2) Decay and half life 	
3	5-9 February Swimming Carnival - Thurs	<ul style="list-style-type: none"> (Unit 1, Topic 2.3) Fission and Fusion Research Investigation – Plan and Conduct (IA3 1&2) 	RI Handed Out L1
4	12-16 February	<ul style="list-style-type: none"> (Unit 1, Topic 2.3) Mass defect and Binding energy Research Investigation – Plan and Conduct (IA3 3&4) 	
5	19-23 February	<ul style="list-style-type: none"> Research Investigation – Analyse and Interpret (IA3 5-7) 	RI Draft Due L3
6	26 Feb-1 Mar GC24 - Wednesday	<ul style="list-style-type: none"> (Unit 1, Topic 1,1) Kinetic particle model and heat flow 	
7	4-8 March	<ul style="list-style-type: none"> (Unit 1, Topic 1,2) Temperature Research Investigation – Drafting Conferencing (IA2 8&9) 	RI Draft Returned L2
8	11-15 March	<ul style="list-style-type: none"> (Unit 1, Topic 1,2) Specific Heat Capacity 	Research Investigation Due L3
9	18-22 March GC24 - Thursday	<ul style="list-style-type: none"> (Unit 1, Topic 1,3) Phase changes and specific latent heat 	
10	25-29 March Good Friday PH	Exam Block	
School holidays: Friday March 29 - Sunday April 14			

Term 2

Week	Date	Topics	Assessment
1	15-19 April Cross Country - Wed	<ul style="list-style-type: none"> (Unit 1, Topic 3.1) Current, Potential difference and Energy flow 	
2	22-26 April GC24 - Tuesday Anzac Day PH - Thurs	<ul style="list-style-type: none"> (Unit 1, Topic 3.2) Resistance 	
3	29 Apr-3 May	<ul style="list-style-type: none"> (Unit 1, Topic 3.3) Circuit Analysis 	
4	6-10 May Labour Day PH - Mon	<ul style="list-style-type: none"> (Unit 1, Topic 3.3) Power dissipation in circuits 	
5	13-17 May	<ul style="list-style-type: none"> Revision 	U1 Data Test + Exam THURSDAY L3,4
6	20-24 May	<ul style="list-style-type: none"> (Unit 2, Topic 2.1) Wave properties and models 	
7	27-31 May	<ul style="list-style-type: none"> (Unit 2, Topic 2.1) Wave properties and models 	
8	3-7 June	<ul style="list-style-type: none"> (Unit 2, Topic 2.2) Standing waves in strings and pipes 	
9	10-14 June GC24 - Wednesday	<ul style="list-style-type: none"> (Unit 2, Topic 2.2) Resonance and natural frequency 	
10	17-21 June Athletics Carnival - Thurs	(Unit 2, Topic 2.2) Resonance and natural frequency	
School holidays: Saturday June 22 - Sunday July 7			

Term 3

Week	Date	Topics	Assessment
1	8-12 July	<ul style="list-style-type: none"> (Unit 2, Topic 2.3) Wave model of light and properties 	
2	15-19 July	<ul style="list-style-type: none"> (Unit 2, Topic 2.3) Reflection, Refraction, Light intensity and Interference Student Experiment – Hand Out, Plan and Conduct (IA2 1) 	SE Handed Out L1
3	22-26 July GC24 - Thursday	<ul style="list-style-type: none"> Student Experiment – Plan and Conduct (IA2 2-4) 	
4	29 Jul- 2 Aug	<ul style="list-style-type: none"> (Unit 2, Topic 2.3) Total Internal Reflection Student Experiment – Analyse and Evaluate (IA2 5&6) 	
5	5-9 August	<ul style="list-style-type: none"> (Unit 2, Topic 2.3) Ray diagrams and lenses Student Experiment – Analyse and Evaluate (IA2 7) 	SE Draft Due L1
6	12-16 August GC24 Finals – Wed.	<ul style="list-style-type: none"> (Unit 2, Topic 2.3) Diffraction and interference (Unit 2, Topic 1.2) Motion Graphs and equations of motion 	
7	19-23 August	<ul style="list-style-type: none"> (Unit 2, Topic 1.3) Newton's Laws of motion Student Experiment – Drafting Conferencing (IA2 8&9) 	SE Draft Returned L1
8	26-30 August	<ul style="list-style-type: none"> (Unit 2, Topic 1.4) Energy and work (Unit 2, Topic 1.4) Momentum Collisions 	Student Experiment Due L1
9	2-6 September	<ul style="list-style-type: none"> Revision 	
10	9-13 September	Exam Block	U2 Exam (90min)
School holidays: Saturday September 14 – Sunday September 29			

Term 4

Week	Date	Topics	Assessment
1	30 Sept – 4 Oct	<ul style="list-style-type: none"> (Unit 3, Topic 1.1) Vectors 	
2	7-11 October King's B'day PH - Monday	<ul style="list-style-type: none"> (Unit 3, Topic 1.2) Projectile motion 	
3	14-18 October	<ul style="list-style-type: none"> (Unit 3, Topic 1.3) Inclined Planes 	
4	21 - 25 October	<ul style="list-style-type: none"> (Unit 3, Topic 1.4) Circular motion 	
5	28 Oct – 1 Nov	<ul style="list-style-type: none"> (Unit 3, Topic 1.5) Gravitational force and fields 	
6	4-8 November	<ul style="list-style-type: none"> (Unit 3, Topic 1.6) Orbits 	
7	11-15 November	<ul style="list-style-type: none"> Revision 	
8	18-22 November	EXAM BLOCK	Data Test (IA1)
School holidays: Saturday November 23 – Monday January 27			