Varsity College
Year 11 Chemistry 2024

Term 1

Week	Date	Topics	Assessment
1	**22-26 January** O-Week Australia Day PH Fri	• Orientation Week	
2	**29 Jan-2 Feb**	• (Unit 1, Topic 1.1) Periodic table and trends • (Unit 1, Topic 1.2) Atomic structure	
3	**5-9 February** Swimming Carnival - Thurs	• (Unit 1, Topic 1.3) Introduction to bonding • (Unit 1, Topic 1.4) Isotopes	
4	**12-16 February**	• (Unit 1, Topic 1.5) Analytical techniques • (Unit 1, Topic 2.1) Compounds and mixtures	
5	**19-23 February**	• (Unit 1, Topic 2.2) Bonding and properties • (Unit 1, Topic 3.1) Chemical reactions	
6	**26 Feb-1 Mar** GC24 - Wednesday	• (Unit 1, Topic 3.2) Exothermic and endothermic reactions	
7	**4-8 March**	• (Unit 1, Topic 3.5) Mole concept and law of conservation of mass	
8	**11-15 March**	• (Unit 1, Topics 3.2) Measurement uncertainty and error • Student experiment – Plan and conduct (FIA2 1&2)	SE Handed Out L1
9	**18-22 March** GC24 - Thursday	• Revision	
10	**25-29 March** Good Friday PH	**Exam Block**	**U1 Exam (90min)**
School holidays: Friday March 29 - Sunday April 14			

Term 2

Week	Date	Topics	Assessment
1	**15-19 April** Cross Country - Wed	• (Unit 1, Topic 3.3) Measurement uncertainty and error • Student experiment – Plan and conduct (FIA2 3&4)	
2	**22-26 April** GC24 - Tuesday Anzac Day PH - Thurs	• (Unit 1, Topic 3.3) Measurement uncertainty and error • Student experiment – Analyse and Evaluate (FIA2 5&6)	
3	**29 Apr-3 May**	• Student experiment – Analyse and Evaluate (FIA2 7) • (Unit 1, Topic 3.5) Mole concept and law of conservation of mass	SE Draft Due L1
4	**6-10 May** Labour Day PH - Mon	• (Unit 2, Topic 1.1) Intermolecular forces	
5	**13-17 May**	• (Unit 2, Topic 1.1) Intermolecular forces • Student experiment – Drafting conferencing (FIA2 8&9)	SE Draft Returned L1
6	**20-24 May**	• (Unit 2, Topic 1.2) Chromatography techniques	**Student Experiment Due L1**
7	**27-31 May**	• (Unit 2, Topic 1.3) Gases	
8	**3-7 June**	• (Unit 2, Topic 2.1) Aqueous solutions and molarity	
9	**10-14 June** GC24 - Wednesday	• (Unit 2, Topic 2.1) Aqueous solutions and molarity	RI Handed Out L1
10	**17-21 June** Athletics Carnival - Thurs	(Unit 2, Topic 2.2) Identifying ions in solution	
School holidays: Saturday June 22 - Sunday July 7			

Term 3

Week	Date	Topics	Assessment
1	8-12 July	• Research investigation – Plan and conduct (FIA3 1&2)	
2	15-19 July	• (Unit 2, Topic 2.3) Solubility	
3	22-26 July GC24 - Thursday	• Research investigation – Plan and conduct (FIA3 3&4) • Research investigation – Analyse and Interpret (FIA3 5)	
4	29 Jul- 2 Aug	• Research investigation – Analyse and Interpret (FIA3 6&7) • (Unit 2, Topic 2.4) pH	RI Draft Due L2
5	5-9 August	• (Unit 2, Topic 2.4) pH	
6	12-16 August GC24 Finals – Wed.	• (Unit 2, Topic 3.1) Rates of reaction	RI Draft Returned L2
7	19-23 August	• (Unit 2, Topic 2.5) Reaction of acids	**Research Investigation Due L1**
8	26-30 August	• Revision	
9	2-6 September	• Revision	
10	9-13 September	**Exam Block**	**U2 Data Test + Exam (2H)**
School holidays: Saturday September 14 – Sunday September 29			

Term 4

Week	Date	Topics	Assessment
1	30 Sept – 4 Oct	• (Unit 3, Topic 1.1) Chemical Equilibrium • (Unit 3, Topic 1.2) Factors that Affect Equilibrium	
2	7-11 October King's B'day PH - Monday	• (Unit 3, Topic 1.3) Equilibrium Constants	
3	14-18 October	• (Unit 3, Topic 1.4) Properties of Acids • (Unit 3, Topic 1.5) pH scale	
4	21 - 25 October	• (Unit 3, Topic 1.6) Bronsted-Lowry Model • (Unit 3, Topic 1.7) Dissociation Constants	
5	28 Oct – 1 Nov	• (Unit 3, Topic 1.8) Acid Base Indicators	
6	4-8 November	• (Unit 3, Topic 1.9) Volumetric Analysis	
7	11-15 November	• Revision	
8	18-22 November	**EXAM BLOCK**	**Data Test (IA1)**
School holidays: Saturday November 23 – Monday January 27			