

ASSESSMENT GRID: YEAR 12 CHEMISTRY 2025

Assessment Task	AT 1	AT 2	AT 3	AT 4	
	Term 4 Week 7A Wednesday, 27 November 2024 In Class	Term 1 Week 9A Wednesday, 19 March 2025 In Class	Term 2 Week 7A Wednesday, 18 June 2025 In Class	Term 3 Year 12 Examination - Week 3/4 As per examination timetable Examination	
Outline / Description Students will analyse data and information provide, to answer questions relating to the topic in Module 5 and part of Module 6	DATA ANALYSIS: Equilibrium and Acid Reactions Students will analyse data and information provide, to answer questions relating to the topic in Module 5 and part of Module 6	DEPTH STUDY: Acid/Base Reactions Students will carry out a first-hand investigation based on work covered in Module 6. They will collect data and analyse it.	INFORMATION PROCESSING: Organic Chemistry Students complete an in-class task on Module 7.	TRIAL EXAMINATION: Modules 5-8 Trial examination will be on Modules 5 - 8	
Outcomes	CH11/12-5, CH11/12-6, CH11/12-7, CH12-12	CH11/12-1, CH11/12-2, CH11/12-3, CH11/12-4, CH11/12-5, CH11/12-6, CH11/12-7, CH12-13	CH11/12-4, CH11/12-5, CH11/12-7, CH12-14	CH11/12-2, CH11/12-3, CH11/12-4, CH11/12-5, CH11/12-6, CH11/12-7, CH12-12, CH12-13, CH12-14, CH12-15	
Component					Weightings
Skills Working Scientifically	20%	20%	10%	10%	60%
Knowledge and Understanding	5%	5%	10%	20%	40%
Marks	25%	25%	20%	30%	100%

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Course Outcomes	
Questioning and predicting CH11/12-1	Develops and evaluates questions and hypotheses for scientific investigation
Planning investigations CH11/12-2	Designs and evaluates investigations in order to obtain primary and secondary data and information
Conducting investigations CH11/12-3	Conducts investigations to collect valid and reliable primary and secondary data and information
Processing data and information CH11/12-4	Selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media
Analysing data and information CH11/12-5	Analyses and evaluates primary and secondary data and information
Problem solving CH11/12-6	Solves scientific problems using primary and secondary data, critical thinking skills and scientific processes
Communicating CH11/12-7	Communicates scientific understanding using suitable language and terminology for a specific audience or purpose
CH12-12	Explains the characteristics of equilibrium systems, and the factors that affect these systems
CH12-13	Describes, explains and quantitatively analyses acids and bases using contemporary models
CH12-14	Analyses the structure of, and predicts reactions involving, carbon compounds
CH12-15	Describes and evaluates chemical systems used to design and analyse chemical processes