



SCOPE AND SEQUENCE STATEMENT: YEAR 11 CHEMISTRY 2025

<u>TERM 1</u>	1	2	3	4	5	6	7	8	9	10	11		
OVERALL TOPIC	Module 1: Properties and Structure of Matter								Module 2				
OVERVIEW	Students investigate the fundamental chemical concepts about structure and bonding. Students design their own investigations and practice efficient information and data-collection strategies, as well as developing skills in communicating their findings using appropriate scientific language.								See below				
OUTCOMES	CH11/12-2, CH11/12-3, CH11/12-4, CH11/12-7, CH11-8								See below				
ASSESSMENT													
11 WEEKS 44 HOURS													
<u>TERM 2</u>	1	2	3	4	5	6	7	8	9				
OVERALL TOPIC	Module 2: Introduction to Quantitative Chemistry			Module 3: Reactive Chemistry									
OVERVIEW	Students examine the quantitative nature of chemistry. Depth study – 5 hours			Students investigate the basic reaction types in chemistry and the energy transformations that are associated with chemical changes, such as light and heat. The rate of chemical reactions and the factors that affect the rate are investigated. Depth study – 5 hours									
OUTCOMES	CH11/12-2, CH11/12-3, CH11/12-4, CH11/12-6, CH11-9			CH11/12-2, CH11/12-3, CH11/12-4, CH11-10									
ASSESSMENT	AT1 Data Analysis and calculations – 30% (Week 3)												
9 WEEKS 36 HOURS													
<u>TERM 3</u>	1	2	3	4	5	6	7	8	9	10			
OVERALL TOPIC	Module 3		Module 4: Drivers of Reactions										
OVERVIEW	(Cont.)		Students investigate the factors that initiate and drive a reaction. They will use mathematical models to predict the spontaneity of a reaction and the thermodynamic nature of chemical processes.					EXAMS AT3 Yearly Exam – 40%					
OUTCOMES			CH11/12-1, CH11/12-5, CH11/12-6, CH11/12-7, CH11-11										
ASSESSMENT			AT2 Depth Study – 30% (Week 3)										
10 WEEKS 40 HOURS													
<u>TERM 4</u>	1	2	3	4	5	6	7	8					
OVERALL TOPIC	Assessment for Learning		YEAR 12 COURSE										
OVERVIEW	(Cont.)												
OUTCOMES													
ASSESSMENT													
	2 WEEKS 8 HOURS												

TOTAL COURSE HOURS: 128 hours