

**ASSESSMENT OUTLINE**  
**YEAR 12 ATAR CHEMISTRY: 2022**  
**UNIT 3 AND UNIT 4**

Assessment type	Assessment type weighting	Assessment task weighting	When/due date/ start and submission date	Assessment task	Syllabus content
Science Inquiry	20%	5	T1Wk 1	<u>Task 1</u> Investigation – Rates of reactions	Rates of reactions
		5	T1Wk3	<u>Task 2</u> Effects of changing the conditions in chemical systems initially at equilibrium	Chemical Equilibrium systems
		5	T1Wk10	<u>Task 4</u> Volumetric Analysis	Volumetric analysis methods
		5	T2Wk10	<u>Task 8</u> Reaction of Functional Groups	Reactions in Organic Chemistry
Tests	20%	8	T2Wk 1	<u>Task 5</u> Rates of reactions and chemical equilibrium/ Acids and Bases and volumetric	Rates of reactions and chemical equilibrium/ Acids and Bases
		4	T2Wk 5	<u>Task 6</u> Redox, galvanic cells and electrolysis	Redox, electrolysis
		8	T3Wk7	<u>Task 10</u> Organic Chemistry/ Chemical synthesis	Organic Chemistry and Chemical Synthesis
Extended response	10%	5	T1Wk 7	<u>Task 3</u> Extended Response – Ocean Acidification	Acids and Bases and chemical equilibrium



ASSESSMENT OUTLINE  
YEAR 12 ATAR CHEMISTRY: 2022  
UNIT 3 AND UNIT 4



		5	T2Wk10	<u>Task 9</u> Extended Response: Ethanol production	Chemical synthesis – ethanol production
Examination Semester 1		15	T2Wk 4/5	<u>Task 7</u> Semester 1 Exam	Semester 1 Examination Semester 1 Content
Examination Semester 2	50%	35	T3Wk9-10	<u>Task 11</u> Semester 2 Exam	Semester 2 Examination Summative examination on the whole year's work
Total	100%	100%			

**PLEASE NOTE:** ASSESSMENT DATES MAY CHANGE DUE TO SCHOOL COMMITMENTS AND CHANGES TO THE SCHOOL CALENDAR