



## ASSESSMENT OUTLINE MATHEMATICS METHODS – ATAR YEAR 11: 2020 UNIT 1 AND UNIT 2



Assessment Type	Assessment Type Weighting	Assessment Task Weighting	Due Date	Assessment Task	Syllabus Content
Response	40%	6%	Term 1, Week 4	Test 1	combinations cosine and sine rule circular measure radian measure
		6%	Term 1, Week 7	Test 2	functions lines, and linear and quadratic relationships
		8%	Term 2, Week 6	Test 3	powers and polynomials, inverse proportion graphs of relations, trigonometric functions conditional probability and independence fundamentals of probability, language of events and sets
		6%	Term 3, Week 2	Test 4	indices and the index laws exponential functions
		6%	Term 3, Week 7	Test 5	arithmetic and geometric sequences and series
		8%	Term 4, Week 4	Test 6	rates of change the concept and computation of the derivative properties and applications of derivatives anti-derivatives
Investigation	20%	10%	Term 1, Weeks 3-5	Investigation 1	Circular measure The Mathematical Thinking Process
		10%	Term 3, Week 7-9	Investigation 2	Sequences & Series The Mathematical Thinking Process
Examination	40%	15%	Term 2, Weeks 8 & 9	<b>Semester 1 examination</b>	Question selection from Unit 1 content knowledge, skills and processes
		25%	Term 4 Weeks 6 & 7	<b>Semester 2 examination</b>	Question selection from Unit 1 and Unit 2 content knowledge, skills and processes
<b>Total</b>	<b>100%</b>	<b>100%</b>			

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