



## Acknowledgement of Country

Kaya. The School Curriculum and Standards Authority (the SCSA) acknowledges that our offices are on Whadjuk Noongar boodjar and that we deliver our services on the country of many traditional custodians and language groups throughout Western Australia. The SCSA acknowledges the traditional custodians throughout Western Australia and their continuing connection to land, waters and community. We offer our respect to Elders past and present.

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#### Disclaimer

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# Sample assessment outline

# Mathematics Methods – ATAR Year 11

Unit 1 and Unit 2

Assessment type	Assessment Type weighting	Assessment task weighting	Week	Assessment task
Response	40%	6%	Week 5	<b>Task 1:</b> Test $1 - Cosine$ and sine rules and Circular and radian measure $(1.2.1 - 1.2.6)$ , Lines and linear relationships and Quadratic relationships $(1.1.1 - 1.1.12)$
		8%	Week 10	<b>Task 3:</b> Test 2 – Inverse proportion, Powers and polynomials, Graphs and relations and Functions (1.1.13 – 1.1.28) and Trigonometric functions (1.2.7 – 1.2.8, 1.2.13 – 1.2.16)
		12%	Week 18	Task 6: Test 3 – Counting and Probability (1.3), Exponential functions (2.1)
		14%	Week 28	<b>Task 8:</b> Test 4 – Arithmetic and geometric sequences and series (2.2), Computation and properties of derivatives, Applications of derivatives $(2.3.10 - 2.3.21)$
Investigation	20%	7%	Week 8	<b>Task 2:</b> Investigation 1 – Students use the mathematical thinking process and course-related knowledge from Functions and graphs (1.1) to plan, research, conduct and communicate the findings of an investigation
		5%	Week 14	<b>Task 4:</b> Investigation 2 – Students use the mathematical thinking process to plan, research, conduct and communicate the findings of an investigation based on Counting and probability (1.3)
		8%	Week 24	<b>Task 7:</b> Investigation 3 – Students use the mathematical thinking process and identify the underlying mathematics related to rates of change to investigate the concept of the derivative $(2.3.1 - 2.3.9)$
Examination	40%	15%	Week 15	<b>Task 5: Semester 1 examination</b> – Section One: Calculator-free (35%), Section Two: Calculator-assumed (65%). Question selection from Unit 1 content knowledge, skills and processes
		25%	Week 30	<b>Task 9: Semester 2 examination</b> – Section One: Calculator-free (35%), Section Two: Calculator-assumed (65%). Question selection from Unit 1 and Unit 2 content knowledge, skills and processes
Total	100%	100%		