



SAMPLE ASSESSMENT OUTLINE

MATHEMATICS METHODS
ATAR YEAR 11

Acknowledgement of Country

Kaya. The School Curriculum and Standards Authority (the Authority) 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 Authority 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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Any resources such as texts, websites and so on that may be referred to in this document are provided as examples of resources that teachers can use to support their learning programs. Their inclusion does not imply that they are mandatory or that they are the only resources relevant to the course.

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%	10%	Week 5	Task 1: Test 1 – Counting and probability (1.1) and Lines and Linear Relationships (1.2.1 – 1.2.2)
		7%	Week 14	Task 3: Test 2 – Functions and graphs (1.2.3 – 1.2.24) and Trigonometric functions (1.3)
		13%	Week 22	Task 5: Test 3 – Exponential functions (2.1) and Arithmetic and geometric sequences and series (2.2)
		10%	Week 28	Task 7: Test 4 – Computation and Properties of Derivatives, Applications of Derivatives (2.3.10 – 2.3.21)
Investigation	20%	10%	Weeks 9–10	Task 2: Investigation 1 – Students use the mathematical thinking process and course-related knowledge from Functions and graphs (1.2) to plan, research, conduct and communicate the findings of an investigation
		10%	Week 24	Task 6: Investigation 2 – 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	Task 4: Semester 1 examination – Section One: Calculator-free (35%), Section Two: Calculator-assumed (65%). Question selection from Unit 1 content knowledge, skills and processes
		25%	Week 30	Task 8: Semester 2 examination – 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%		