



SAMPLE ASSESSMENT OUTLINE

MATHEMATICS APPLICATIONS
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 Applications – ATAR Year 11

Units 1 and 2

Assessment type	Assessment type weighting	Assessment task weighting	Week/s	Assessment description
Response	40%	6%	Week 9	Task 2: Test 1 – Consumer arithmetic, Algebra and matrices (1.1.1 – 1.1.8, 1.2.1 – 1.2.7)
		10%	Week 14	Task 4: Test 2 – Shape and measurement (1.3.1 – 1.3.8)
		6%	Week 20	Task 6: Test 3 – Making sense of data related to a single statistical variable (2.1.2 – 2.1.9)
		8%	Week 24	Task 8: Test 4 – Comparing data for a numerical variable across two or more groups and trigonometric applications (2.1.10 – 2.1.12, 2.2.1 – 2.2.4)
		10%	Week 29	Task 9: Assignment and in-class validation – Linear equations and graphs (2.3.1 – 2.3.10)
Investigation	20%	8%	Week 4	Task 1: Investigation 1 – Students use the mathematical thinking process and course-related knowledge from Consumer arithmetic (1.1) to plan, research, conduct and communicate the findings of an investigation on investment
		5%	Week 10	Task 3: Investigation 2 – Students use the mathematical thinking process to plan, select, adapt and apply models and procedures using data in matrices (1.2) to solve a problem
		7%	Week 22	Task 7: Investigation 3 – Students use the mathematical thinking process and the statistical investigation process to plan, research, conduct and communicate the findings of an investigation involving the analysis of univariate data (2.1)
Examination	40%	15%	Week 16	Task 5: 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 10: 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%		