



SAMPLE ASSESSMENT OUTLINE

MATHEMATICS ESSENTIAL

GENERAL YEAR 12

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. Teachers must exercise their professional judgement as to the appropriateness of any they may wish to use.

Sample assessment outline
 Mathematics Essential – General Year 12
 Unit 3 and Unit 4

Assessment type (from syllabus)	Assessment type weighting (from syllabus)	Assessment task weighting	When	Assessment task
Response	40%	8%	Semester 1 Week 8	Task 2: Test 1 – Linear and area measure, volume and capacity, scale, plans, Pythagoras’ theorem and trigonometry: 3.1.1–3.1.7, 3.2.1–3.2.16
		8%	Semester 1 Week 15	Task 5: Test 2 – Graphs, linear functions, sampling, bivariate data: 3.3.1–3.3.10, 3.4.1–3.4.19
		12%	Semester 2 Week 6	Task 7: Test 3 – Probability, relative frequency, sample spaces, predicting proportions and number of outcomes: 4.1.1–4.1.11
		12%	Semester 2 Week 15	Task 9: Test 4 – Problem solving involving distance between places on earth and time zones and compound loans and investments: 4.2.1–4.2.9, 4.3.1–4.3.8
Practical applications/ Statistical investigation process	45%	10%	Semester 1 Week 7	Task 1: Practical application 1 – Car park design: Use the mathematical thinking process and select content from 3.1.1–3.1.3, 3.2.4 – 3.2.8 to complete the task
		10%	Semester 1 Week 14	Task 4: Statistical investigation 1 – Use the statistical investigation process and select content from 3.4.3–3.4.19 to determine the relationship between two variables
		12%	Semester 2 Week 5	Task 6: Statistical investigation 2 – Use the statistical investigation process and select content from 4.1.1– 4.1.11 to determine the outcome of an event
		13%	Semester 2 Week 14	Task 8: Practical application 2 – Investment/loans project: Use the mathematical thinking process and select content from 4.3.1–4.3.8 to complete the task
Externally set task	15%	15%	Semester 1 Week 12	Task 3: A task set by the Authority based on the following content from Unit 3 – <teacher to insert information provided by the Authority>
Total	100%	100%		