



## SAMPLE ASSESSMENT OUTLINE

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### MATHEMATICS ESSENTIAL GENERAL YEAR 12

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## 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	<b>Task 2:</b> 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	<b>Task 6:</b> Test 2 – Graphs, linear functions, sampling, bivariate data: 3.3.1–3.3.10, 3.4.1–3.4.19
		12%	Semester 2 Week 9	<b>Task 8:</b> Test 3 – Probability, relative frequency, sample spaces, predicting proportions and number of outcomes, problem solving involving distance between places on earth and time zones: 4.1.1–4.1.11, 4.2.1–4.2.9
		12%	Semester 2 Week 15	<b>Task 11:</b> Test 4 – Compound loans and investments: 4.3.1–4.3.8
Practical applications/ Statistical investigation process	45%	7%	Semester 1 Week 4	<b>Task 1:</b> Practical application 1 – Rainwater collection project: Use the mathematical thinking process and select content from 3.1.1–3.1.7 to complete the task
		7%	Semester 1 Week 8	<b>Task 3:</b> Practical application 2 – In class task: Ramps – Use the mathematical thinking process and select content from 3.2.12–3.2.16 to complete the task
		7%	Semester 1 Week 14	<b>Task 5:</b> 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	<b>Task 7:</b> 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
		12%	Semester 2 Week 14	<b>Task 10:</b> Practical application 3 – 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	<b>Task 4:</b> A task set by the SCSA based on the following content from Unit 3 – <teacher to insert information provided by the Authority>
<b>Total</b>	<b>100%</b>	<b>100%</b>		