



**SAMPLE ASSESSMENT OUTLINE**

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**MATHEMATICS**  
**FOUNDATION YEAR 12**

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## Sample assessment outline

### Mathematics – Foundation Year 12

#### Unit 3 and Unit 4

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Response	40%	5%	Semester 1 Week 4	<b>Task 2:</b> Skills test – solve real-life problems involving the four operations: whole numbers and money
		5%	Semester 1 Week 6	<b>Task 3:</b> Skills test – solve real-life problems involving percentages and spreadsheets
		5%	Semester 1 Week 9	<b>Task 5:</b> Skills test – solve real-life problems involving the four operations: fractions and decimals
		5%	Semester 1 Week 16	<b>Task 9:</b> Match and interpret photos, plans and models involving 2D and 3D shapes
		4%	Semester 2 Week 3	<b>Task 10:</b> Solve a range of problems involving rates in authentic situations
		4%	Semester 2 Week 5	<b>Task 12:</b> Solve a range of problems involving ratios in authentic situations
		4%	Semester 2 Week 6	<b>Task 13:</b> Interpret and make inferences from statistical data and graphs; use spreadsheets to construct graphs and charts
		4%	Semester 2 Week 7	<b>Task 14:</b> Determine and interpret averages in everyday contexts
		4%	Semester 2 Week 8	<b>Task 15:</b> Make predictions and decisions based on probability

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Practical applications	45%	4%	Semester 1 Week 1	<b>Task 1:</b> Use the mathematical thinking process to determine the catering budget for a fundraising barbecue
		5%	Semester 1 Week 7	<b>Task 4:</b> Use a calculator or spreadsheet to compare the interest on the principal of a bank loan for a car, for different amounts, interest rates and/or duration
		5%	Semester 1 Week 13	<b>Task 6:</b> Use the mathematical thinking process to plan for a journey on public transport from home to a cinema to watch a movie at a specific time
		5%	Semester 1 Week 15	<b>Task 8:</b> Use virtual software to design a space with placement of furniture/equipment
		5%	Semester 2 Week 4	<b>Task 11:</b> Mix different concentrations of fluid based on ratios
		7%	Semester 2 Week 9–10	<b>Task 16:</b> Start a new job: income, travel itinerary, getting there on time and travel expenses
		7%	Semester 2 Week 11–13	<b>Task 17:</b> Use plans and scale diagrams to landscape a space within a budget
		7%	Semester 2 Week 14–16	<b>Task 18:</b> Use statistical data to plan the date for an outside community event based on the predictability of weather (temperature and rainfall)
Externally set task	15%	15%	Semester 1 Week 14	<b>Task 7:</b> Externally set task <insert content determined by the School Curriculum and Standards Authority>
<b>Total</b>	<b>100%</b>	<b>100%</b>		