

	1	2	3	4	5	6	7	8	9	10
<b>TERM 4</b>	<p><i>Year 11 course</i> <i>Refer to Year 11 Scope and Sequence document for 2021</i></p>				<p><b>MEASUREMENT:</b> Non Right Angled Trigonometry (MS-M6); Rates &amp; Ratio (MS-M7) <i>MS2-12-3, MS2-12-4, MS2-12-9, MS2-12-10</i></p> <ul style="list-style-type: none"> <li>- Solve problems involving right-angled and non-right-angled triangles in a variety of contexts.</li> <li>- Justify mathematical thinking and communicate solutions in an ordered and concise fashion.</li> <li>- Use rates and ratios to solve problems in practical contexts, including the interpretation of scale drawings.</li> <li>- Develop awareness of the use of rates and ratios and solve problems in everyday situations, such as health sciences, energy and finance.</li> </ul>					

	2	3	4	5	6	7	8	9	10	11
<b>TERM 1</b>	<p><b>STATISTICAL ANALYSIS:</b> Bivariate Data (MS-S4); Normal Distribution (MS-S5) <i>MS2-12-2, MS2-12-7, MS2-12-9, MS2-12-10</i></p> <ul style="list-style-type: none"> <li>- Identify, analyse and describe associations between pairs of numerical variables.</li> <li>- Display, interpret and analyse statistical relationships related to bivariate data.</li> <li>- Use data analysis processes to make informed decisions.</li> <li>- Understand the properties of the normal distribution.</li> <li>- Use relative measure to analyse and compare normally distributed datasets.</li> <li>- Analyse normally distributed data and make judgements, justifying the reasonableness of their solutions.</li> </ul>					<p><b>FINANCIAL MATHEMATICS:</b> Investments &amp; Loans (MS-F4); Annuities (MS-F5) <i>MS2-12-5, MS2-12-9, MS2-12-10</i></p> <ul style="list-style-type: none"> <li>- Analyse financial situations, calculate the best options, &amp; solve financial problems.</li> <li>- Calculate &amp; compare the value of different types of investments &amp; shares over time.</li> <li>- Gain an understanding of reducing balance loans &amp; the depreciation of assets.</li> <li>- Understand the mathematical processes behind the accrual of annuities.</li> <li>- Find ways to optimise the value of annuity investments and connect to real life examples such as superannuation and home loans.</li> </ul>				
							Research Project 25 %			

