

**COURSE INFORMATION****Subject: MATHEMATICS & STATISTICS****Head of Subject: MISS SUE ROBERTSON**

	<b>Year 11 Mathematics (11MAT)</b>
<b>Course Content</b>	<p>This course solidifies the learnings from Years 9 and 10 Mathematics in order to gain NCEA credits through Achievement Standards.</p> <p>The classes are not streamed.</p> <p>This course leads into Year 12 Calculus or Statistics.</p>
<b>Prerequisites</b>	<p>Year 10 Mathematics.</p> <p>Having passed the NCEA Numeracy assessment is preferred.</p>
<b>Assessment</b>	<p><b><u>Internals</u></b></p> <p><b>1.1</b> Explore data using a statistical enquiry cycle (AS91944) <b>(5 credits)</b></p> <p><b>or</b></p> <p><b>1.2</b> Explore mathematical problems that relate to life in Aotearoa New Zealand (AS91945) <b>(5 credits)</b></p> <p><b><u>Externals</u></b></p> <p><b>1.3</b> Interpret and apply mathematical and statistical information (AS91946) <b>(5 credits)</b></p> <p><b>and</b></p> <p><b>1.4</b> Demonstrate mathematical reasoning (AS91947) <b>(5 credits)</b></p> <p><b>15 credits total</b></p>
<b>Costs</b>	<p>A Calculator (a Scientific one is okay (e.g. Casio FX82) - \$45</p> <p>A Graphics Calculator is highly recommended (e.g. Casio FX9860GIII) - \$170</p> <p>Otherwise, a Scientific calculator (e.g. Casio FX82) is required.</p> <p>Workbooks – approximate cost \$45</p>