

**COURSE INFORMATION**
**Subject: Y11 MATHEMATICS & STATISTICS**
**Head of Subject: MRS LEE MANN**

	Year 11 Mathematics (11MAT)	Year 11 Numeracy (11MAN)
<b>Course Content</b>	This course solidifies the learnings from Years 9 and 10 Mathematics in order to gain NCEA credits through Achievement Standards. The classes are not streamed. This course leads into Year 12 Calculus or Statistics.	This course focuses on helping students pass their NCEA Numeracy assessment and gaining NCEA credits through Achievement Standards. This course can lead into Year 12 Statistics.
<b>Pre-Requisites</b>	Year 10 Mathematics. Having passed the NCEA Numeracy assessment is preferred.	Year 10 Mathematics.
<b>Assessment</b>	<p><b><u>Internals</u></b></p> <ul style="list-style-type: none"> <li>1.1 Explore data using a statistical enquiry cycle (AS91944) – 5 credits</li> <li>1.2 Explore mathematical problems that relate to life in Aotearoa New Zealand (AS91945) – 5 credits</li> </ul> <p><b><u>Externals</u></b></p> <ul style="list-style-type: none"> <li>1.3 Interpret and apply mathematical and statistical information (AS91946) – 5 credits</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>1.4 Demonstrate mathematical reasoning (AS91947) – 5 credits</li> </ul> <p><b>Note:</b> 1.3 is a 'Maths/Stats literacy' CAA done in class in Term 3. 1.4 is a 'Pure Maths' exam paper sat in Term 4.</p> <p><b>15 credits total</b></p>	<p><b><u>Internals</u></b></p> <ul style="list-style-type: none"> <li>1.1 Explore data using a statistical enquiry cycle (AS91944) – 5 credits</li> <li>1.2 Explore mathematical problems that relate to life in Aotearoa New Zealand (AS91945) – 5 credits</li> </ul> <p><b><u>Externals</u></b></p> <ul style="list-style-type: none"> <li>1.3 Interpret and apply mathematical and statistical information (AS91946) – 5 credits</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>1.4 Demonstrate mathematical reasoning (AS91947) – 5 credits</li> </ul> <p><b>Note:</b> 1.3 is a 'Maths/Stats literacy' CAA done in class in Term 3. 1.4 is a 'Pure Maths' exam paper sat in Term 4.</p> <p><b>15 credits total</b></p> <p>We will also spend time supporting students to pass the NCEA Numeracy co-requisite AS 32406 Use mathematics and statistics to meet the numeracy demands of a range of situations (10 credits, external).</p>
<b>Costs</b>	A Calculator (a Scientific one is fine, e.g Casio FX82) ~ \$45. A Graphics Calculator is advantageous (e.g. Casio FX9860GIII) ~ \$170.	A Calculator (a Scientific one is fine, e.g Casio FX82) ~ \$45.