

Higher Mathematics Course Outline			St Thomas of Aquin's High School
Topic Order	Approx Periods	Heinemann Higher	Website Links
<b>June</b>			
· Sets, Functions & Graphs	15	Ch 2, 3 & 4	<a href="#">HSN – Sets, Functions and Graphs</a> <a href="#">Questions – Functions</a> <a href="#">Questions – Graphs of Functions</a> <a href="#">Questions – Trig Graphs and Equations</a>
· Essential Skills	4	Essential Skills Ex 5, 8, 9 & 17	<a href="#">Questions – Indices</a> <a href="#">Questions – Trig Identities</a> <a href="#">Questions – Complete the Square</a>
<b>Summer Holiday</b>			
· Straight Line	8	Ch 1	<a href="#">HSN – Straight Line</a> <a href="#">Questions – Straight Line</a>
· Recurrence Relations	6	Ch 5 (not Ex 5J, 5K)	<a href="#">HSN – Recurrence Relations</a> <a href="#">Questions – Recurrence Relations</a>
<b>September Progress Test</b>			
· Differentiation	14	Ch 6	<a href="#">HSN – Differentiation</a> <a href="#">Questions – Differentiation</a>
· Polynomials & Quadratics	13	Ch 7 (not Ex 7J) Ch 8	<a href="#">HSN – Polynomials and Quadratics</a> <a href="#">Questions – Polynomials</a> <a href="#">Questions – Quadratics</a>
<b>October Holiday</b>			
· Circle	10	Ch 12	<a href="#">HSN – Circle</a> <a href="#">Questions – Circle</a>
<b>November Mini Prelim</b>			
· Integration	15	Ch 9	<a href="#">HSN – Integration</a> <a href="#">Questions – Integration</a>
· Addition Formulae	9	Ch 11	<a href="#">HSN – Addition Formulae</a> <a href="#">Questions – Addition Formulae</a>
· Vectors	10	Ch 13	<a href="#">HSN – Vectors</a> <a href="#">Questions – Vectors</a>
· Wave Function	6	Ch 16	<a href="#">HSN – Wave Function</a> <a href="#">Questions – Wave Function</a>
<b>Christmas Holiday</b>			
· Revision	8		<a href="#">Past Paper Practice</a>
<b>January Prelim</b>			
· Logs & Exponentials	9	Ch 15	<a href="#">HSN – Logs and Exponentials</a> <a href="#">Questions – Logs and Exponentials</a>
<b>February Holiday</b>			
· Further Calculus	10	Ch 14	<a href="#">HSN – Further Calculus</a> <a href="#">Questions – Further Calculus</a>
<b>March Revision</b>			
<ul style="list-style-type: none"> <li>· <a href="#">200 Higher Maths Questions &amp; Answers</a></li> <li>· <a href="http://www.mathsrevision.com/index_files/Higher.htm">http://www.mathsrevision.com/index_files/Higher.htm</a></li> </ul>			