

Higher Mathematics Course Outline

St Thomas of Aquin's High School

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