

KS5 Curriculum Map for A-Level Further Maths

The course follows the Edexcel syllabus. The two modules Decision 1 and Core Pure 1 are taught concurrently. In term 5, Year 13 content Core Pure 2 is taught.

	Key:				
Year 12	Core Pure 1	Decision 1	Core Pure 1		
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Complex Numbers	Series	Matrices	Proof by Induction	Complex Numbers	Methods in Calculus
Argand Diagrams	Roots of Polynomials	Volumes of Revolution	Linear Transformations	Series	
Algorithms	Route Inspection	Simplex Algorithm	Vectors		
Graph Theory	Travelling Salesman Problem	Critical Path Analysis			
Algorithms on Graphs	Linear Programming				

Assessment
Unit Test after every module
Summative Test on D1 content in Term 3/4
School Mock Exams in Term 6

The model for Year 13 mirrors that of Year 12, teaching the two modules Core Pure 2 and Further Pure 1 concurrently.

	Key:				
Year 13	Core Pure 1	Further Pure 1			
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Methods in Calculus	Polar Co-ordinates	Differential Equations	Methods in Calculus	Review and Exam Revision	
Series	Further Calculus	Hyperbolic Functions	Numerical Methods		
Vectors	Volumes of Revolution	Taylor Series	Differential Equations		
Conic Sections	Further Conic Sections	t-Formulae			
	Inequalities				

Assessment
Unit Test after every module
School Mock Exams in Term 2
School Mock Exams in Term 4