

KS5 Curriculum Mapping Further Maths 26-27

Maths						
		Term1		Term2		Term3
		Term 1.1	Term 1.2	Term 2.1	Term 2.2	Term 3.1
12	Concept/ Theme	Mechanics, Pure and Decision				
	Knowledge	Complex numbers, argand diags Algorithms, Graphs and networks, Algorithms on graphs.	Series, roots of polynomials, matrices. Route inspection, linear programming, CPA	Linear transformations using matrices, proof by induction Momentum and impulse, work energy and power, collisions.	Vectors, Integration and Vol. of revolution (yr 1 only)	Start Year 2: Complex numbers Decision subsection 2.5, 3.5, 4.3 (A level topics)
13	Concept/ Theme	Mechanics, Pure and Decision				
	Knowledge	Complex numbers, Series Travelling Salesman, Simplex	Methods of calculus, vols. Rev, hyperbolic functions. Critical Path analysis, Elastic strings and springs, elastics collisions in 2D	Polar coordinates Methods with DE, Modelling with DE	Consolidation, exam preparation, revision.	
Extra curricular						