

Y12 Maths							
Term 1	Algebra	Quadratics	Trigonometry	Kinematics			
Term 2	Inequalities	Coordinate Geometry	Graphs	Circles	Vectors	Modelling	Forces
Term 3	Differentiation	Exponentials and Logarithms	Binomial Expansion	Probability			
Term 4	Integration	Variable Acceleration	Sampling	Data Representation	Probability Distributions	Hypothesis Testing	
Term 5	Proof	Revision/Exams	Radians	Y2 Reciprocal Trig Functions			
Term 6	Y2 Differentiation	Y2 Trig Identities	Y2 Integration				

Y12 Further Maths							
Term 1	Matrices	Complex Numbers	Roots of Polynomials	Graphs and Networks			
Term 2	Matrix Transformations	Inequalities	Polar Coordinates	Critical Path Analysis	Linear Programming	Game Theory	
Term 3	Conic Sections	Series	Proof by Induction	Work, Energy, Power	Momentum & Collisions	Circular Motion	
Term 4	Further Vectors	Hyperbolic Functions	Further Calculus	Dimensional Analysis	Momentum and Collisions 2		
Term 5	Maclaurin Series	Hooke's Law	Revision/Exams				
Term 6	Further Vectors	Further Matrices	Further Complex Numbers	Circular Motion in 3D	Work, Energy Power 2		

Y13 Maths							
Term 1	Algebra	Functions	Inverse Trig	Projectiles	Dynamics		
Term 2	Binomial Expansion	Rates of Change	Parametric Equations	Arcs and Sectors	Moments	Vectors	Revision/Exams
Term 3	Small Angle approximations	R-Alpha method	Sequences and Series	Normal Distribution	Hypothesis Testing	Probability	
Term 4	Implicit Differentiation	Differential Equations	Numerical Methods	Proof			
Term 5	Revision/Exams						

Y13 Further Maths							
Term 1	Matrices	Polar Coordinates	Transformations of Graphs	Hyperbolic Functions	Binary Operations	Network Flow	Simplex Algorithm
Term 2	Further Calculus	Work Energy Power	Vertical Circular Motion	Revision/Exams			
Term 3	Maclaurin Series	Further Complex Numbers	Differential Equations	Centre of Mass			
Term 4	Applications of Differential Equations	Numerical Methods	Moments and Couples				
Term 5	Revision/Exams						