LONG TERM PLANS

Year Overview (Maths – Year 13 Further Maths)

Maths Faculty	
YEAR 13 FURTHER MATHS	
Autumn term	
Half term 1	**Half term 2**
Algorithms (D1) Graph Theory (D1) Continuous Random Variables (S2) The Normal Distribution (S2) The Poisson Distribution (S2) Summation of Series, (FP1) Proof by Induction (FP1) Roots of a Polynomial Equation (FP1)	Networks (D1) Linear Programming (D1) Sampling and Hypothesis Testing (S2) Complex Numbers (FP1) Matrices (FP1)
Spring term	
Half term 1	**Half term 2**
Game Theory (D2) Flows in a Network (D2) Matching and Allocation Problems (D2) Projectiles (M2) Work, Energy and Power (M2) Collisions (M2) Centre of Mass (M2)	Critical Path Analysis (D2) Dynamic Programing (D2) Moments (M2) Circular Motion (M2) Impulse and restitution (M2)

Rational Functions and graphs (FP2) Polar Coordinates (FP2) Hyperbolic functions (FP2)	Differentiation and Integration (FP2) Numerical Methods (FP2)

Summer term

Half term 1	Half term 2
Revision and Exams All modules – Revision & Past Papers	**Exams** All modules – Revision & Past Papers