

LONG TERM PLANS

Year Overview (Maths – Year 12 Further Maths)

Maths Faculty	
YEAR 12 FURTHER MATHS	
Autumn term	
Half term 1	Half term 2
<p><i>Indices and Surds, C1</i></p> <p><i>Polynomials, C1</i></p> <p><i>Differentiation, C1</i></p> <p><i>Coordinate Geometry and Graphs, C1</i></p> <p><i>Trigonometry, C2</i></p> <p><i>Sequences and Series, C2</i></p> <p><i>Integration, C2</i></p> <p><i>Algebra, C2</i></p>	<p>Representation of data S1</p> <p>Measures of location and spread S1</p> <p>Permutations and combinations S1</p> <p>Statistics, S1</p> <p>M1 – Time graphs</p> <p>M1 – Forces</p> <p>M1 – Equilibrium</p> <p>C3 – Recap trigonometry</p> <p>C3 – inverse functions</p> <p>C3 – graph transformations</p> <p>C3 – exponentials</p> <p>C3 – differentiation</p>
Spring term	
Half term 1	Half term 2

M1 – Newtons Laws of motion

M1 – Kinematics (Constant acceleration)

M1 – Kinematics and calculus

Probability, S1

Probability distributions, S1

Bivariate data, S1

C4 – Binomial Expansion

C3 – Integration

C3 – Numerical Methods

C4 – Calculus

C4 – Partial Fractions

C4 – Integration by parts

C4 – Vectors

C4 – Parametric equations

C4 – Differential Equations

Summer term

Half term 1

Revision and Exams

Revision & Past Papers

Half term 2

Exams

Revision & Past Papers