KS4: YEAR 11

MATHS DEPARTMENT

OUR LEARNING JOURNEY

SUMMER 3:2

Revision booklets and past paper practice

SUMMER 3:1

Revision booklets and past paper practice

SPRING 2:2

Revision booklet and past paper practice

SPRING 2:1

- Parallel and Perpendicular Lines
- Tangent to a Circle
- Gradient of a Curve
- Area Under a Curve
- Congruence
- Vectors
- Probability with Algebra
- Circle Theorem Proops
- Inequalities on Graphs
- Algebra Problems – Change of Base
- Geometric/Fibonacci Sequences
- Work Rate Questions

AUTUMN 1:2

- Completing the square
- Advanced Trigonometry
- 3D Pythagoras and Trigonometry
- Histograms
- Conditional Probability
- Algebraic Graphs
- Proof
- Quadratic Simultaneous Equations
- Quadratic Inequalities
- Transformations of Graphs
- Equation of a Straight Line

AUTUMN 1:1

- Product Rule for Counting
- Percentage Change
- Similar Shapes
- Circle Theorems
- Direct/Inverse Proportion
- Solving Quadratics
- Functions
- Iteration
- Quadratic Sequences
- Bounds
- Algebraic Fractions

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