SIR THOMAS FREMANTLE
SECONDARY SCHOOL

MATHEMATICS

HIGHER @ KEY STAGE 4

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- Angles, Bearings & Scale
- Basic Number
- Inequalities, Rounding & Bounds
- Basic Algebra
- Equations
- Fraction Calculations
- Decimal Calculations
- Percentage Calculations
- Statistical Measures & Scatter Graphs
- Properties of Polygons
- Perimeter & Area
- Circle Measures
- Sequences
- Coordinates & Linear Graphs
- Indices & Standard Form
- Surds
- Ratio & Proportion
- Gradients & Rates of Change
- Transformations of Shapes
- Congruence & Similarity
- Pythagoras' Theorem
- Trigonometry
- Constructions & Loci
- Summer Examinations

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- Probability
- Volume & Surface Area
- Simultaneous Equations
- Manipulating Quadratic Expressions
- Solving Quadratics
- Sin & Cosine Rules, Triangle Area Using Trig
- Vectors
- Mock Exams
- Algebra & Graphs
- Circle Theorems
- Equation of Circles & Tangents
- Inequalities & Numerical Methods
- Transformations of Functions
- Composite & Inverse Functions
- GCSE Examinations

RESILIENCE – INTEGRITY – SUCCESS – EMPATHY