

Blessed Robert Sutton

Maths

<p>Topics taught in Year 7</p>	<ul style="list-style-type: none"> • Using number • Sequences]Perimeter, are and volume • Decimals • Working with numbers • Statistics • Algebra • Fractions • Angles • Coordinates and graphs • Percentages • Probability • Symmetry • Equations • Interpreting data • 3-D shapes • Ratio •
<p>Topics taught in Year 8</p>	<ul style="list-style-type: none"> • Working with number • Geometry • Probability • Percentages • Sequences • Area of 2D and 3D shapes • Graphs • Simplifying numbers • Interpreting data • Congruence and scaling • Fractions and decimals • Proportion • Circles and formulae • Comparing data
<p>KS4 Specification/s and topics taught</p>	<p>OCR GCSE MATHEMATICS</p> <ul style="list-style-type: none"> • Basic calculations • Whole number theory • Algebraic expressions • Functions and sequences • Shapes and solids • Construction and loci • Equations • Angles • Fractions, decimals and percentages • Units and measures • Formulae • Perimeter, area and volume • Approximation and estimations • Graphs • 3-D shapes • Volume and surface area • Ratio • Probability • Powers and roots

- Standard form
- Surds
- Vectors
- Transformations
- Congruent triangles
- Similarity
- Pythagoras and Trigonometry
- Circle theorems
- Growth and decay
- Direct and inverse proportion
- Collecting, displaying and analyzing data
- Inequalities
- Transformations of graphs

**KS5 Specification/s
and topics taught**

EDEXCEL A LEVEL MATHEMATICS (9MA0)

- Pure Mathematics
- Statistics and Mechanics