

Mathematics



KS3 Curriculum Breakdown



	Year 7	Year 8	Year 9
HT1 (8 weeks)	<ul style="list-style-type: none">• Number Skills• Analysing and Interpreting Data• Number Properties & Calculations	<ul style="list-style-type: none">• Area, Volume• Indices and Standard Form• Expressions and Formulae	<ul style="list-style-type: none">• Factors• Powers & Roots• Quadratics
HT2 (7 weeks)	<ul style="list-style-type: none">• Graphs• Statistics• Expressions and Equations• Decimals & Measure• Fractions	<ul style="list-style-type: none">• Real Life Graphs• Straight Line Graphs• 2D Shapes• 3D Shapes	<ul style="list-style-type: none">• Statistics• Dealing with Data• Multiplicative Reasoning• Inequalities, Equations and Formulae
HT3 (6 weeks)	<ul style="list-style-type: none">• Factors and Multiples• Fractions• Probability• Angles & Shapes	<ul style="list-style-type: none">• Angles• Decimal Calculations• Transformations• Fractions, Decimals, Percentages	<ul style="list-style-type: none">• Geometry in 2D and 3D• Constructions• Non-Linear Graphs

HT4 (6 weeks)	<ul style="list-style-type: none"> • Angles and Lines • Ratio and Proportion • Equations 	<ul style="list-style-type: none"> • Number Properties • Calculating with Fractions • Constructions and Loci 	<ul style="list-style-type: none"> • Circles • Pythagoras • Prisms • Accuracy
HT5 (5 weeks)	<ul style="list-style-type: none"> • Measuring and Shapes • Fractions, Decimals & Percentages • Sequences and Graphs 	<ul style="list-style-type: none"> • Sequences • Scale Drawings • Measure • Probability 	<ul style="list-style-type: none"> • Geometric Formula • Probability • Trigonometry
HT6 (7 weeks)	<ul style="list-style-type: none"> • Transformations • Sequences and Graphs 	<ul style="list-style-type: none"> • Statistics, Graphs & Charts • Probability 	<ul style="list-style-type: none"> • Polygons • Transformations • Mathematical Reasoning

NB: Topic assessments done at the end of each topic. End of term assessments done at end of HT2, HT4 and HT6.