

## Maths Key Stage 3 Curriculum Overview The curriculum differs according to student groupings

Year 7	Autumn	Spring	Summer
<b>Target Grade 2, 3 and 4</b>	Baseline Assessment Negative Numbers Simplifying Expressions Constructions Pie Charts Factor Trees Properties of Number Probability Symmetry Scatter Graphs Fractions Distance Time Graphs Rounding & Estimation Fraction/Decimal/Percentage/Ratio Conversions Percentages with Calculators	Pythagoras Averages & Range Plans & Elevations Bearings Angle Rules Written Calculations Sequences Stem & Leaf Diagrams Frequency Polygons Area Equations	Ratio & Proportion Speed & Compound Measures Translation/ Enlargement Co-ordinates and Graphs 3-D Shapes Formulas and Equations of Motion Circles Nets & Surface Area Loci
<b>Target Grade 2 and 3</b>	Baseline Assessment Negative Numbers Simplifying Expressions Constructions Pie Charts Factor Trees Properties of Number Probability Symmetry Scatter Graphs Fractions Distance Time Graphs Rounding & Estimation Fraction/Decimal/Percentage/Ratio Conversions	Percentages with Calculators Averages & Range Plans & Elevations Bearings Angle Rules Angle Rules Sequences Stem & Leaf Diagrams Frequency Polygons Area Equations	Ratio & Proportion Ratio & Proportion Translation/Enlargement Co-ordinates and Graphs 3-D Shapes Formulas and Equations of Motion Circles Nets & Surface Area
<b>Target Grade 1a and 2</b>	Baseline Assessment Rounding and Place Value Tables & Charts Negative Numbers Simplifying Expressions Scales and Graphs Probability Language of Shapes Symmetry Metric Conversions Fraction/Decimal/Percentage Conversions Time	Averages & Range Fractions Number Properties Angles Rules Sequences Stem & Leaf Diagrams Equations Area & Perimeter Ratio & Proportion	Ratio & Proportion 3-D Shapes Translation Formulas Co-ordinates Enlargement BIDMAS
<b>Target Grade 1a and 1b</b>	Baseline Assessment Rounding and Place Value Tables & Charts Units of Measurement & Reading Scales Introduction to Probability Language of Shapes Co-ordinates and Symmetry Metric Conversions Fraction/Decimal/Percentage Conversions Time and Calendars	Calculating Averages Measuring Lengths and angles Conversion Graphs Using letters to represent Numbers Sequences Area & Perimeter Basic Formulas Number fluency	3-Dimensional Language Algebraic Expressions Number fluency Consolidation