

Key Stage 3 – YEAR 7 MATHS
Curriculum Map for Students

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic Overview	Analysing & Displaying Data and Number Skills	Expressions, Functions & Formulae and Decimals and Measures	Fractions & Percentages and Probability	Ratio & Proportion	Lines & Angles and Sequences & Graphs	Transformations
Focus	Calculating mean, median and mode. Displaying data. Grouping data. Averages and comparing data. Line graphs and more bar charts. Mental maths. Addition and subtraction. Multiplication and division. Money and time. Negative numbers. Factors, multiples and primes. Square numbers.	Functions. Simplifying expressions. Writing expressions. Substituting into formulae. Decimals and rounding. Length, mass and capacity. Scales and measures. Working with decimals mentally. Working with decimals. Perimeter and area. More units of measure.	Comparing fractions. Simplifying fractions. Working with fractions. Fractions and decimals. Understanding percentages. Percentage of amounts. The language of probability. Calculating probabilities. Experimental probability. Expected outcomes.	Direct proportion. Writing ratios. Using ratios. Ratios, proportions and fractions. Proportion and percentages.	Measuring and drawing angles. Lines, angles and triangles. Drawing triangles accurately. Calculating angles. Angles in a triangle. Quadrilaterals. Sequences. Pattern sequences. Co-ordinates and midpoints. Extending sequences. Straight line graphs. Position to term rules.	Congruency and enlargements. Symmetry. Reflection. Rotation. Translations and combines transformations.
Assessment	Baseline test on entry – used to cement teaching sets. Unit test (either Support/Core or Core/Depth dependent on ability) at the end of each topic. Baseline test on entry – used to cement teaching sets.	Unit test (either Support/Core or Core/Depth dependent on ability) at the end of each topic. End of term test (either Support/Core or Core/Depth dependent on ability) just before Christmas break	Unit test (either Support/Core or Core/Depth dependent on ability) at the end of each topic.	Unit test (either Support/Core or Core/Depth dependent on ability) at the end of each topic. End of term test (either Support/Core or Core/Depth dependent on ability) just before Easter break	Unit test (either Support/Core or Core/Depth dependent on ability) at the end of each topic.	Unit test (either Support/Core or Core/Depth dependent on ability) at the end of each topic. End of year test (either Support/Core or Core/Depth dependent on ability) just before end of year