Maths

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	**Number work** Place value, addition, subtraction, multiplication, division	**Measures** Time, distance, mass, capacity. Converting metric amounts	**Data Handling** Bar charts, pictograms, line graphs. Introduction to probability	**Shape** Naming polygons, reflective symmetry, naming angles, angle sums of straight lines and triangles	**Number** Number patterns and sequences, fractions, percentages, coordinates	**Shape** Finding perimeters and angles of rectangles and compound shapes containing rectangles
Year 8	**Number** Addition, subtraction, multiplication and division with decimals and negative numbers	**Shape** Rotational and reflective symmetry. Angle sums of quadrilaterals measuring	**Data handling** Graphs, frequency tables, mean, median, mode, probability.	**Algebra** Introduction to simple algebra. Number: Rounding, estimation, BODMAS	**Number** Negative numbers, common factors, common multiples, ordering fractions	Consolidation of all Key Stage 3 Maths work and end of year assessment
Year 9	**Number** Addition, subtraction, multiplication and division with decimals and negative numbers.	**Shape** Enlargement, volume, identify parts of a circle, circumference and area of a circle	**Number** Fractions, decimals, percentages, ratios, square numbers	**Data Handling** Scatter graphs, pie charts, comparing averages, analysing data	**Shape** Quadrilaterals, interior and exterior angles, parallel lines, bearings	**Algebra** Writing expressions and equations, solving equations, probabilitiy

Year 10 GCSE	**Number** Integers, negative numbers, square numbers, square roots, BIDMAS	**Number** Fractions, percentages, decimals, ratio, factors, multiples.	**Algebra** Formulae, expressions, equations.	**Data Handling** Charts, graphs, pie charts, scatter graphs, straight line graphs.	**Shape** Area, perimeter, volume, probability.	**Circles** Circle vocabulary, Pi, using Pi.
Year 10 Entry Level Pathway	**Number** Addition, subtraction, multiplication, division, rounding	**Number** Fractions, money, change	**Shape** Naming polygons, properties of 2D and 3D shapes, symmetry, nets	**Measures** Estimating and measuring length, mass and capacity. Naming angles	**Data Handling** Collecting and analysing data. Interpreting information from tables and charts	**Number** Financial Maths Looking at percentage deals and money off offers. Plan a holiday
Year 11 GCSE	**Angles** Parallel lines, angle sums, quadrilaterals, interior and exterior angles	**Shape** Symmetry, rotations, enlargements, scale drawing	**Number** Highest common factors, lowest common multiples, Pythagoras' theorem, sequences	**Revision**	**Revision**	**Exams**
Year 11 Entry Level Pathway	**Number** Place value, addition, subtraction, multiplication, division, skip counting	**Shape** Angles, polygons, 2D and 3D shapes	**Data Handling** Recap of all statistical work	**Maths in everyday life** Research into planning family meals, family days out and get aways in the holidays	Recap of all Mathematics work	End of year exams and activities