Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 3	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions Measurement Geometry – properties of shape Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions Measurement Geometry – properties of shape Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions Measurement Geometry – properties of shape Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions Measurement Geometry – properties of shape Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions Measurement Geometry – properties of shape Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions Measurement Geometry – properties of shape Statistics
	Extra Events: Motor Maths takes place weekly for some maths groups					

Mathematics Curriculum Map

MATHS						
YEAR 4	**Autumn 1**	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions and decimals Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions and decimals Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions and decimals Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions and decimals Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions and decimals Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions and decimals Measurement Geometry – properties of shape Geometry – position and direction Statistics
	Extra Events: Motor Maths takes place weekly for some maths groups					

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 5	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions, decimals and percentages Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions, decimals and percentages Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions, decimals and percentages Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions, decimals and percentages Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions, decimals and percentages Measurement Geometry – properties of shape Geometry – position and direction Statistics	Number and place value Number – addition and subtraction Number – multiplication and division Number – fractions, decimals and percentages Measurement Geometry – properties of shape Geometry – position and direction Statistics
	Extra Events: Motor Maths takes place weekly for some maths groups					

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 6	**Number** Place Value Addition, Subtraction, Multiplication and Division	**Number** Fractions Geometry- Position and Direction	**Number** Decimals Percentages Algebra	**Measurement** Converting Units Perimeter, Area and Volume **Number** Ratio	**Geometry** Properties of Shapes Problem solving	**Investigations** Statistics Investigations
	Read, write, order & compare numbers up to 10,000,000 and determine the value of each digit. Solve addition & subtraction multi step problems in contexts, deciding which operations and methods to use and why. Use negative numbers in context, calculate intervals across zero. Solve number & practical problems that involve all of the above.	Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Recall & use equivalences between simple fractions, decimals and percentages including in different contexts Describe positions on 4 quadrant coordinate grid. Draw & translate simple shapes on the coordinate plane. Reflect them in the axes.	Identify value of each digit in numbers given to 3 decimal places. Multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places. Solve problems which require answers to be rounded to specified degrees of accuracy. Solve problems involving the calculation of percentages & the use of percentages for comparison. Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.	Solve problems Involving calculation & conversion of units of measure, using decimal notation up to three decimal places where appropriate. Use, read, write & convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3dp. Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts. Convert between miles and kilometres.	Draw 2-D shapes using given dimensions/angles. Compare & Classify geometric shapes based on their properties & sizes. Recognise that shapes with same areas can have different perimeters & vice versa. Recognise when it is possible to use formulae for area and volume of shapes. Find unknown angles in any triangles, quadrilaterals and regular polygons. Recognise Angles where they meet at a point, are on a straight line, or are vertically opposite. Find missing angles.	Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Interpret and construct pie charts/line graphs. Use mathematical knowledge of 4 rule of number to solve problems.

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 7	NUMBER SENSE ADDING AND SUBTRACTING MULTIPLYING DIVIDING CALCULATING WITH NEGATIVE NUMBERS ORDER OF OPERATIONS	EXPRESSIONS EQUATIONS MEASURES	2D SHAPES PERIMETER AND AREA COORDINATES FACTORS, MULTIPLES AND PRIMES	FRACTIONS BRACKETS	ANGLES HANDILING DATA AND STATISTICAL DIAGRAMS PROPORTION	FRACTIONS, DECIMALS AND PERCENTAGES PROBABILITY

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 8	PERCENTAGES MONEY INDICES	EQUATIONS SEQUENCES RATIO	ROUNDING CORRDINATES AREA CIRCLES STANDARD FORM	VENN DIAGRAMS 3D SHAPES SURFACE AREA AND VOLUME	LINEAR GRAPHS TRANSFORMATIONS ANGLES STATISTICAL DIAGRAMS	INEQUALITIES BRACKETS ALGEBRAIC FRACTIONS RECURRING DECIMALS
	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
YEAR 9	FRACTIONS AND PERCENTAGES PROBABILITY STANDARD FORM INEQUALITIES	QUADRATIC EQUATIONS FORMULAE CONSTRUCTIONS CIRCLES	ROUNDING 3D SHAPES PYTHAGORAS THEOREM RATIO AND PROPORTION	LINEAR GRAPHS COMPOUND MEASURES MOTION-TIME GRAPHS	QUADRATIC GRAPHS ANGLES AND BEARINGS TRANSFORMATIONS SIMILARITY AND CONGRUENCE	HANDLING DATA AND STATISTICAL DIAGRAMS VECTORS

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 10 Foundation	PERCENTAGES SURFACE AREA AND VOLUME	SIMULTANEOUS EQUATIONS FORMULAE TRIGONOMETRY CONSTRUCTIONS & LOCI	LINEAR GRAPHS REAL-LIFE GRAPHS SET NOTATION TREE DIAGRAMS	COMPOUND MEASURES RATIO GRAPHS	SEQUENCES* HANDLING DATA PROPORTION TRANSFORMATIONS ROUNDING * INDICES	BRACKETS HANDLING DATA AND STATISTICAL DIAGRAMS**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 10 Higher	PERCENTAGES SURFACE AREA AND VOLUME	SIMULTANEOUS EQUATIONS FORMULAE TRIGONOMETRY CONSTRUCTIONS & LOCI	LINEAR GRAPHS REAL-LIFE GRAPHS SET NOTATION TREE DIAGRAMS	COMPOUND MEASURES RATIO GRAPHS	SEQUENCES* INDICES HANDLING DATA PROPORTION TRANSFORMATIONS ROUNDING *	BRACKETS RECURRING DECIMALS HANDLING DATA AND STATISTICAL DIAGRAMS**

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 11 Foundation	FACTORS, MULTIPLES AND PRIMES FRACTIONS EXPRESSIONS EQUATIONS	RIGHT-ANGLED TRIANGLES SURFACE AREA AND VOLUME ANGLES STATISTICAL DIAGRAMS	PROBABILITIES INEQUALITIES VECTORS PERCENTAGES COMPOUND MEASURES	RATIO AND PROPORTION STANDARD FORM SEQUENCES LINEAR GRAPHS	TOPIC CATCH UP CONSOLIDATION REVISION	REVISION

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
YEAR 11 Higher	SURDS ALGEBRAIC FRACTIONS EQUATIONS	PYTHAGORAS THEOREM TRIGONOMETRY CIRCLE GEOMETRY STATISTICAL DIAGRAMS	PROBABILITY INEQUALITIES FUNCTIONS TRANSFORMATIONS	ITIRATION ALGEBRAIC PROOF SIMILARITY GEOMETRIC PROOF GRAPHS	TOPIC CATCH UP CONSOLIDATION REVISION	REVISION