

MATHS CURRICULUM PROGRESSION OVERVIEW

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 3	<p>Place Value</p> <ul style="list-style-type: none"> • Number lines to 1,000 • 1, 10 or 100 more or less • Compare and order numbers • Counting in 50s <p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Add and subtract multiples of 100 • Add and subtract 3-digit and 1-digit numbers 	<p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Add and subtract 3-digit and 2-digit numbers • Add and subtract two 3-digit numbers • Estimate and check answers <p>Multiplication and Division</p> <ul style="list-style-type: none"> • Using arrays • Sharing and grouping • Multiplying and dividing by 2, 5 and 10 • x3, x4 and x8 times tables. 	<p>Multiplication and Division</p> <ul style="list-style-type: none"> • Multiply 2-digits by 1-digit • Divide 2-digit by 1-digit • Divide 100 into equal parts • Divide with remainders • Scaling <p>Money</p> <ul style="list-style-type: none"> • Converting between pounds and pence • Adding and subtracting money • Giving change <p>Statistics</p> <ul style="list-style-type: none"> • Pictograms • Bar Charts • Tables 	<p>Length and Perimeter</p> <ul style="list-style-type: none"> • Measuring Length • Equivalent lengths (mm, cm and m) • Comparing lengths • Adding and Subtracting length • Perimeter <p>Fractions</p> <ul style="list-style-type: none"> • Recognise and find a half, a quarter and a third • Unit and non-unit fractions • Equivalence of half and 2 quarters • Count in fractions 	<p>Fractions</p> <ul style="list-style-type: none"> • Making a whole • Counting in tenths • Tenths as decimals • Fractions on a number line • Fractions of objects • Equivalent fractions • Compare and order fractions • Add and subtract fractions <p>Time</p> <ul style="list-style-type: none"> • O'Clock, half past, quarter past and quarter to • Months and days in a year and hours in a day • Telling time to five minutes and one minute • Using a.m. and p.m. • 24-hour clock • Finding / comparing durations • Measuring time in seconds 	<p>Properties of Shape</p> <ul style="list-style-type: none"> • Right angles • Comparing angles • Drawing lengths • Horizontal, vertical, parallel and perpendicular • Features of 2D and 3D shapes <p>Mass and Capacity</p> <ul style="list-style-type: none"> • Measure and compare mass • Add and subtract mass • Measure and compare capacity • Add and subtract capacity <p>Temperature</p>

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Year 4	<p>Place Value</p> <ul style="list-style-type: none"> • Rounding to nearest 10 and 100 • Count in 1000's • Number lines to 10,000 • Find 1, 10, 100 or 1,000 more or less • Compare 4-digit numbers • Count in 25s • Negative numbers • Roman Numerals <p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Add and subtracts 1s, 10s, 100s and 1,000s • Add two 4-digit numbers 	<p>Addition and Subtraction</p> <ul style="list-style-type: none"> • Subtract two 4-digit numbers • Estimating and checking answers <p>Length and Perimeter</p> <ul style="list-style-type: none"> • Equivalent lengths (mm, cm, m and km) • Perimeter (measuring and on a grid) • Perimeter of rectangles and rectilinear shapes <p>Multiplication and Division</p> <ul style="list-style-type: none"> • Multiplying and dividing by 10 and 100 • Multiplying by 1 and 0 • Dividing by 1 and itself • x6 and x9 times tables 	<p>Multiplication and Division</p> <ul style="list-style-type: none"> • x11 and x12 times tables • Multiply 3 numbers • Factor pairs • Multiply 3-digits by 1 digit • Divide 3-digits by 1-digit • Correspondence problems <p>Area</p> <ul style="list-style-type: none"> • Counting Squares • Comparing area <p>Fractions</p> <ul style="list-style-type: none"> • Equivalent fractions • Fractions greater than 1 	<p>Fractions</p> <ul style="list-style-type: none"> • Counting in fractions • Add 2 or more fractions • Subtract 2 fractions • Subtract fractions from wholes • Fractions of quantities <p>Decimals</p> <ul style="list-style-type: none"> • Tenths and hundredths (decimals, place value grids and number lines) • Divide 1-digit and 2-digit numbers by 10 and 100 	<p>Decimals</p> <ul style="list-style-type: none"> • Making a whole • Writing, comparing and ordering decimals • Rounding decimals • Halves and quarters in decimals <p>Money</p> <ul style="list-style-type: none"> • Pounds and pence • Ordering money • Four operations with money <p>Time</p> <ul style="list-style-type: none"> • Telling the time to five minutes and one minute • Hours, minutes and seconds • Years, months, weeks and days • Analogue to digital (12-hour and 24-hour) 	<p>Statistics</p> <ul style="list-style-type: none"> • Interpret and compare data on charts • Line graphs <p>Properties of Shape</p> <ul style="list-style-type: none"> • Identify angles • Compare and order angles • Triangles and quadrilaterals • Symmetry <p>Position and Direction</p> <ul style="list-style-type: none"> • Coordinates for position • Movement on a grid

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Year 5	<p>Place Value</p> <ul style="list-style-type: none"> • Rounding to 10, 100 and 1,000, 10,000 and 100,000 • Compare and order numbers to 1,000,000 • Counting in 10s, 100s, 1,000s, 10,000s and 100,000s • Negative numbers • Roman Numerals <p>Addition and subtraction</p> <ul style="list-style-type: none"> • Add numbers with more than 4 digits • Subtract numbers with more than 4 digits • Rounding for estimation • Inverse operations • Multi-step problems 	<p>Multiplication and Division</p> <ul style="list-style-type: none"> • Multiples and factors • Common factors • Prime numbers • Square and cube numbers • Multiply and divide by 10, 100 and 1,000 <p>Perimeter and Area</p> <ul style="list-style-type: none"> • Measure perimeter • Calculate perimeter (rectilinear and non-rectilinear shapes) • Area of rectangles, compound shapes and irregular shapes 	<p>Multiplication and Division</p> <ul style="list-style-type: none"> • Multiply 4-digits by 1-digit • Multiply 4-digits by 2-digits • Divide 4-digits by 1-digit <p>Fractions</p> <ul style="list-style-type: none"> • Equivalent fractions • Convert between improper fractions and mixed numbers • Number sequences • Compare and order fractions 	<p>Fractions</p> <ul style="list-style-type: none"> • Add and subtract fractions • Add and subtract mixed numbers • Multiply fractions by an integer • Multiply mixed numbers by an integer • Fractions of an amount <p>Decimals</p> <ul style="list-style-type: none"> • Decimals up to 2dp • Decimals as fractions • Thousands as decimals • Rounding decimals • Order and compare decimals 	<p>Decimals and Percentages</p> <ul style="list-style-type: none"> • Percentages • Equivalence between fractions, decimals and percentages • Adding and subtracting decimals • Decimal sequences • Multiplying and dividing decimals by 10, 100 and 1,000 <p>Properties of Shape</p> <ul style="list-style-type: none"> • Measuring angles • Drawing lines and angles • Angles on a straight line or around a point • Angles in shapes • Regular and irregular polygons • 3D shapes 	<p>Position and Direction</p> <ul style="list-style-type: none"> • Coordinates in first quadrant • Translation • Reflection <p>Converting Units</p> <ul style="list-style-type: none"> • Converting metric units • Imperial units • Units of time • Timetables <p>Volume</p> <ul style="list-style-type: none"> • Compare volume • Estimate volume and capacity <p>Statistics</p> <ul style="list-style-type: none"> • Interpret and compare data from charts • Read and interpret line graphs • Read and interpret tables

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Year 6	<p>Place Value</p> <ul style="list-style-type: none"> Numbers to 10 million Compare and order any numbers Round any number Negative numbers <p>Addition and Subtraction</p> <ul style="list-style-type: none"> Add and subtract integers Multi-step addition and subtraction problems Inverse operations <p>Multiplication and Division</p> <ul style="list-style-type: none"> Multiply 4-digits by 1-digit Multiply 4-digits by 2-digits 	<p>Multiplication and Division</p> <ul style="list-style-type: none"> Short Division Division using factors Long Division Common factors and multiples Primes to 100 Squares and cubes Order of operations Mental calculations and reasoning <p>Decimals</p> <ul style="list-style-type: none"> Three decimal places Multiply and divide by 10, 100 and 1,000 Multiply and divide decimals by integers <p>Fractions</p> <ul style="list-style-type: none"> Equivalent fractions Simplifying fractions Converting between improper fractions and mixed numbers 	<p>Fractions</p> <ul style="list-style-type: none"> Fractions on a number line Compare and order fractions Add and subtract fractions Add and subtract mixed numbers Multiply fractions by integers or fractions Multiply mixed numbers by integers Divide fractions by integers Finding a fraction of an amount Decimals as fractions <p>Percentages</p> <ul style="list-style-type: none"> Percentages of amounts Percentage missing values Fraction, decimal and percentage equivalence Ordering fractions, decimals and percentages 	<p>Algebra</p> <ul style="list-style-type: none"> Finding one-step and two-step rules Forming expressions Substituting Forming equations Solving one-step and two-step equations <p>Converting Measurements</p> <ul style="list-style-type: none"> Converting metric measurements Miles and kilometres Imperial measures <p>Perimeter, Area and Volume</p> <ul style="list-style-type: none"> Perimeter of rectilinear and non-rectilinear shapes Area on a grid and area using measurements Area of triangles and parallelograms Volume (counting cubes) Calculating volume of a cuboid 	<p>Ratio</p> <ul style="list-style-type: none"> Calculating ratio Scale factors Proportion <p>Position and Direction</p> <ul style="list-style-type: none"> Coordinates in four quadrants Translation Reflection <p>Properties of Shape</p> <ul style="list-style-type: none"> Measuring angles Calculate angles on straight lines or around a point Vertically opposite angles Angles in triangles and quadrilaterals Constructing shapes Nets of 3D shapes 	<p>Statistics</p> <ul style="list-style-type: none"> Read and interpret line graphs Circles Read and interpret pie charts The mean as an average <p>Problem Solving and Consolidation Tasks</p>

