



Maths Long Term Curriculum Plan

		Autumn	Spring	Summer
Key Stage 1	EYFS	<ul style="list-style-type: none"> Compare amounts Compare size, mass and capacity Exploring patterns Representing, comparing and composition of 1, 2 and 3 Circles and triangles Using positional language Representing numbers to 5 One more and one less Shapes with 4 sides Time 	<ul style="list-style-type: none"> Introduce zero Comparing numbers to 5 Composition of 4 and 5 6, 7 and 8 Combining two amounts Counting to 9 and 10 Comparing number to 10 Bonds to 10 Comparing length and height Compare mass and capacity 3-d shapes Recognises simple patterns Time 	<ul style="list-style-type: none"> Build numbers beyond 10 Count patterns beyond 10 Match arrangements of shapes Adding more and taking away Combining and separating shapes to make new shapes Doubling Sharing and grouping Even and odd Use positional language to describe where objects are in relation to other objects Mapping
	Year 1	<ul style="list-style-type: none"> Sort, count and represent objects Recognise numbers as words Count on from any number 1 more and 1 less Order and compare numbers using less than, greater than, equal to Number bonds within and to 10 Addition – adding together, adding more, addition problems Subtraction – how many left? Recognise, name and sort 2-d and 3-d shapes 	<ul style="list-style-type: none"> Count within 20 Understand numbers from 10-20 1 more and 1 less Number line to 20 Compare and order numbers to 20 Add by counting on within 20 Find and make number bonds to 20 Doubles and near doubles Subtraction by counting back Subtraction by finding a difference Missing number problems Count from 20-50 Count by making groups of 10 Partition into tens and ones Compare lengths and heights Measure lengths using cms Measure and compare mass Compare volume 	<ul style="list-style-type: none"> Count in 2s, 10s and 5s Recognise and add equal groups Make arrays and doubles Make equal groups by grouping and sharing Recognise and find half of a shape or quantity Recognise and find quarter of a shape or quantity Describe turns Describe position using left/right, forwards/backwards, above/below Ordinal numbers Count from 50-100 Partition into tens and ones 1 more, 1 less Compare numbers Recognising coins and notes Count in coins Days or the week, months of the year Tell the time to the hour and half hour
	Year 2	<ul style="list-style-type: none"> Numbers to 20 Recognise, write and partition numbers to 100 Count in 10s and 1s to 100 on a number line Compare and order numbers Count in 2s, 5s, 10s, 3s Addition and subtraction bonds to 20 Add and subtract to the next 10 and across a 10 Add and subtract 2-digit numbers Recognise and sort 2-d and 3-d shapes Identify lines of symmetry 	<ul style="list-style-type: none"> Count money in pence and pounds Choose notes and coins Make the same amount Compare amounts of money Calculate with money and find change Recognise, make and add equal groups Write multiplication sentences Use arrays Make equal groups – grouping and sharing Doubling and halving The 2x, 10x and 5x table Measure in cms and metres Compare and order lengths, heights, mass, volume and capacity Measure in grams and kilograms Measure in millimetres and litres Temperature 	<ul style="list-style-type: none"> Recognise and find a half, quarter and third Find the whole Unit and non-unit fractions O'clock and half past Quarter past, quarter to Tell the time to 5 minutes Minutes in an hour, hours in a day Describe movement and turns Shape patterns with turns
	Key Stage 2	Year 3	<ul style="list-style-type: none"> Represent, partition and order numbers to 1000 Find 1, 10, 100 more or less Count in 50s Add and subtract 1s, 10s and 100s Add and subtract 2-digit and 3-digit numbers without and with an exchange Multiples of 2, 5 and 10 3 and 4 times-tables Multiple and divide by 3 and 4 2, 4 and 8 times-tables 	<ul style="list-style-type: none"> Multiples of 10 Multiple a 2-digit number by a 1-digit number – with/without exchange Divide a 2-digit number by a 1-digit number – flexible partitioning/with remainders Measure in metres, centimetres and millimetres Equivalent lengths Compare, add and subtract lengths Measure and calculate perimeter Compare and order unit fractions Compare and order non-unit fractions Count in fractions on a number line Compare fractions on a number line Measure, compare and find equivalent mass in grams and kilograms Measure, compare and find equivalent capacity and volume in litres and millilitres



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Key Stage 2	Year 4	<ul style="list-style-type: none"> Represent, partition compare and order numbers to 10,000 Find 1, 10, 100, 1000 more or less Roman numerals Round to the nearest 10, 100 or 1000 Add and subtract 1s, 10s 100s and 1000s Add and subtract up to two 4-digit numbers without and with an exchange Find areas by counting squares Compare area 	<ul style="list-style-type: none"> Factor pairs Multiply and divide by 10 and 100 Multiply and divide a 2/3-digit number by a 1-digit number Measure in metres and kilometres Calculate perimeter of rectilinear shapes and polygons Partition a mixed number Compare and order mixed numbers Convert mixed numbers to improper fractions and visa versa Find equivalent fractions Add and subtract fractions Tenths as fractions and decimals Divide a 1/2-digit number by 10 and 100 Hundredths as fractions and decimals 	<ul style="list-style-type: none"> Make a whole with tenths and hundredths Partition, compare and order decimals Round to the nearest whole Write money using decimals Compare amounts of money Estimate and calculate with money Identify, compare and order angles Triangles, quadrilaterals and polygons Lines of symmetry Interpret and draw charts and line graphs Describe position using coordinates Draw 2-d shapes on a grid Translate on a grid
	Year 5	<ul style="list-style-type: none"> Represent, partition compare and order numbers to 1,000,000 Find 1, 10, 100, 1000, 10,000, 100,000 more or less Round to the nearest 10, 100 or 1000 within 1,000,000 Roman numerals to 1,000 Add and subtract numbers with more than 4-digits Factors, multiples, primes, squares and cubes Multiply and divide by 10, 100 and 1,000 Recognise equivalent fractions Convert improper fractions to mixed numbers and visa versa Compare and order fractions Add and subtract fractions and mixed numbers 	<ul style="list-style-type: none"> Multiply a 4-digit number by a 1-digit number Multiply a 2/3/4-digit number by a 2-digit number Short division Divide a 4-digit number by a 1-digit number Divide with remainders Multiply unit and non-unit fractions by an integer Calculate a fraction of an amount Equivalent fractions and decimals – tenths and hundredths Thousandths as fractions and decimals Order, compare and round decimals Equivalent fractions, decimals and percentages Calculate perimeter and area Draw, read and interpret line graphs Read and interpret timetables 	<ul style="list-style-type: none"> Classify, estimate and draw angles Calculate angles around a point, on a straight line Lengths and angles in shapes Read and plot coordinates Translation with coordinates Lines of symmetry Reflection in horizontal and vertical lines Add and subtract decimals Multiply and divide by 10, 100, 1000 Multiply and divide decimals Understand, compare and order decimals Convery units of length and time Calculate with timetables Compare and estimate volume and capacity
	Year 6	<ul style="list-style-type: none"> Read and write numbers to 10,000,000 Compare, order and round any integer Negative numbers Factors, multiples, primes, squares and cubes Multiply 4-digit number by a 2-digit number Short and long division Equivalent fractions and simplifying Compare and order fractions Add and subtract fractions and mixed numbers Multiply and divide fractions Find fractions of amounts 	<ul style="list-style-type: none"> Use ratio language and ratio symbol Solve ratio and fraction problems Scale drawings and scale factors 1 and 2-step function machines Form algebraic expressions and equations Find pairs of values and unknowns Place value within 1 Round decimals Add and subtract decimals Multiply and divide by 10, 100 and 1000 Multiply and divide decimals by integers Equivalent fractions, decimals and percentages Order fractions, decimals and percentages Find a percentage of an amount Area of a triangle and parallelogram Volume of a cuboid Line graphs and bar charts Read, interpret and draw pie charts Find the mean 	<ul style="list-style-type: none"> Measure, classify and calculate angles Vertically opposite angles Angles in triangles, quadrilaterals, polygons Circles Draw shapes accurately Nets of 3-d shapes Read and plot points in 4 quadrants Translations and reflections