Maths curriculum overview- EYFS

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Selects a small number of objects from a group when asked, for example, 'please give me one', 'please give me two'. Recites some number names in sequence. Creates and experiments with symbols and marks representing ideas of number. Begins to make comparisons between quantities. Uses some language of quantities, such as 'more' and 'a lot'. Knows that a group of things changes in quantity when something is added or taken away. Begins to use the language of size. Understands some talk about immediate past and future, e.g. 'before', 'later' or 'soon'. Anticipates specific time-based events such as mealtimes or home time.	Uses some number names and number language spontaneously. Recites numbers in order to 10. Uses some number names accurately in play. Knows that numbers identify how many objects are in a set. Realises not only objects, but anything can be counted, including steps, claps or jumps. Recognise some numerals of personal significance. Beginning to categorise objects according to properties such as shape or size. Shows an interest in shape and space by playing with shapes or making arrangements with objects. Shows awareness of similarities of shapes in the environment.	Sometimes matches numeral and quantity correctly. Compares two groups of objects, saying when they have the same number. Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same. Recognises numerals 1 to 5. Counts up to three or four objects by saying one number name for each item. Notices simple shapes and patterns in pictures. Uses shapes appropriately for tasks. Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'. Beginning to use mathematical names for 'flat' 2D shapes. Selects a particular named shape. Orders and sequences familiar events.	Shows curiosity about numbers by offering comments or asking questions. Shows an interest in number problems. Counts actions or objects which cannot be moved. Counts objects to 10, and beginning to count beyond 10. Estimates how many objects they can see and checks by counting them. Shows interest in shapes in the environment. Shows interest in shape by sustained construction activity or by talking about shapes or arrangements. Orders two or three items by length or height.	Beginning to represent numbers using fingers, marks on paper or pictures. Shows an interest in representing numbers. Shows an interest in numerals in the environment. Counts out up to six objects from a larger group. Selects the correct numeral to represent 1 to 5, then 1 to 10 objects. Counts an irregular arrangement of up to ten objects. Finds the total number of items in two groups by counting all of them. Says the number that is one more than a given number. Uses positional language. Can describe their relative position such as 'behind' or next to'.	Finds one more or one less from a group of up to five objects, then ten objects. In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting. Records, using marks that they can interpret and explain. Begins to identify own mathematical problems based on own interests and fascinations. Uses the language of 'more' and 'fewer' to compare two sets of objects. Uses familiar objects and common shapes to create and recreate patterns and build models.
Reception	To count reliably 1 to 10, forwards and backwards To recognise numerals 1 to 10 To sometimes match a numeral to a quantity correctly Count objects to 10 Use language of more or fewer to compare sets of objects To find one more than numbers to 10. Begin to follow and create repeating patterns. To use language related to time such as 'before', 'soon' and 'later' and to anticipate events such as lunch time or home time To begin to use the language of size such as taller or shorter	Counting to 20 then up to 100. Matching spoken numbers to numeral. Writing numbers. One to one correspondence. Conservation of number. Compare and order numbers to 10. One more and one less. Develop understanding of addition and subtraction. Talk about the shapes of everyday objects, e.g. 'round' and 'tall' To name simple 2D and 3D shapes around them such as circle, square, cube and sphere To begin to use everyday language related to money	To count reliably 1 to 20, forwards and backwards and match numeral and quantity correctly To recognise numerals 1 to 20. To count objects to 10 and beyond To find the total number of items in two groups by counting all of them To say the number that is one more than a given number To begin to double and halve to 5 To order and sequence familiar events To order two items by length/height, weight and capacity To use positional language such as 'behind' and 'next to'	Estimating more or less than a given number. Subitise up to 6. Partitioning teen numbers into 10 and X. Doubling and halving. Odd and even numbers. To name a wider range of 2D and 3D shapes such as hexagon, pyramid and cone Recognise coins Revise days of the week and months	To count reliably 1 to 20, and beyond, forwards and backwards To begin to count in 10s and 2s To count objects to 20 and beyond To read, write and order numbers to 20 and match numeral and quantity correctly To begin to count in 10s, 2s and 5s. To talk about the shapes of everyday objects, e.g. 'curved' and 'straight' and to select a particular named shape To recognise, describe and continue patterns To use everyday language to talk about and compare money including coin recognition and sorting To use non-standard measures to measure length, weight and capacity	To solve simple addition and subtraction problems To say the number that is one more or one less than a given number To use doubling and halving. Counting and sharing in 2s, 5s and 10s. Partitioning numbers into number pairs. Subtracting by counting back. They read and match number sentences to practical problems To recognise o'clock. To compare and order standard and non-standard units of measure.

Maths curriculum overview- KS1 & KS2

Year 1	Number and place value, measure, shape, multiplication and division fractions, shape and problem solving	Number and place value, measure, shape, multiplication and division fractions, shape and problem solving	Number and place value, measure, shape, multiplication and division fractions, shape and problem solving	Number and place value, measure, shape, multiplication and division fractions, shape and problem solving	Number and place value, measure, shape, multiplication and division fractions, shape and problem solving	Number and place value, measure, shape, multiplication and division fractions, shape and problem solving
Year 2	Place value, addition and subtraction.	Addition and subtraction of 2,2 digit numbers	Multiplication and division	Fractions,2 and 3d shape	SATs Revision	Consolidation of calculation strategies and applying to problems
Year 3	Mental addition and subtraction, Problem solving and reasoning, Number and place value, Mental multiplication and division, Measurement , Geometry: properties of shapes, Statistics , Fractions, Money		Mental addition and subtraction, Problem solving and reasoning, Number and place value, Mental multiplication and division, Measurement , Geometry: properties of shapes, Statistics , Fractions, Written addition and subtraction, Written multiplication and division, Money		Mental addition and subtraction, Problem solving and reasoning, Number and place value, Mental multiplication and division, Measurement, Geometry: properties of shapes, Statistics , Fractions, Written addition and subtraction, Written multiplication and division, Money, Decimals, percentages and their equivalence to fractions	
Year 4	Mental addition & subtraction, Written addition and Frog subtraction, Shape, Mental multiplication and division , Number, place value and money, Written addition or subtraction, Measures/Data, Time, bar charts, pictograms		Place value, fractions and decimals, Addition, subtraction and money, Addition and subtraction, Measurement and data, Fractions and decimals, Place value, decimals and negative numbers, Time, timetables and co-ordinates		Place value, Addition and subtraction, Area, perimeter and co-ordinates, Fractions, decimals and length, Multiplication and division, Shape, symmetry and angles, Time and graphs, Fractions, decimals and division	
Year 5	Place Value, addition, subtraction, missing numbers, time,	2D shape, negative numbers, multiplication division with fraction remainders	Multiplication of decimals, angles, written methods	Statistics, coordinates, basic ratio, factors and prime	Percentages of numbers, adding and subtracting fractions,	Line graphs, fractions, percentages
Year 6	Place value, addition, subtraction, fractions	Measures, multiplication, division, angles, 3D shape	Written methods, decimals, percentages fractions, statistics	Perimeter, area, volume, positioning and movement of shape	SATs Revision	Problem solving