Maths Progression Map
EYFS and Key Stage 1 (Maths Mastery)

	Year 1	Year 2
Numbers Beyond 20 ***Say which number is one more or one less than a given number*** ***Solve problems including grouping and sharing estimate a number of objects and check by counting*** Count reliably to 50 Explore counting on and back from any number within 50 Place numbers from 0-50 in order Estimate a number of objects and check by counting ***Solve practical problems that involve combining groups of 2, 5 or 10, or sharing into equal groups***	**Place Value** Reads and writes numbers to 100 in numerals (and 1-20 in words). Identifies one more/less than a given number within 100.	**Place Value** Recognises the place value of each digit in a 2 digit number. Orders numbers 0-100 and compares using > < and = (in numerals and words).
Addition and Subtraction within 20 ***Estimate a number of objects and check by counting up to 20*** A***dd and subtract two single-digit numbers and count on or back to find the answer*** Explore the relationship between addition and subtraction C***ompare quantities and objects to solve problems*** S***olve problems, including doubling, halving and sharing*** Say which number is one more or one less than a given number Use quantities and objects to add and subtract two single-digit numbers	**Addition and Subtraction** Add and subtract 1 and 2 digit numbers using 0 - 20 (including missing number problems). Represents and uses number bonds and related subtraction facts within 20.	**Addition and Subtraction** Add and subtract two 2 digit numbers and three 1 digit numbers (checking with inverse).
Depth of numbers within 20 ***Solve problems including grouping, sharing, doubling and halving***	**Multiplication and Division** Solve multiplication and division using concrete, pictorial and arrays. Halves and doubles numbers to 20.	**Multiplication and Division** Recalls multiplication and related division facts for 2, 5 and 10s. Solves multiplication and division problems in context

Records using marks that they can interpret and explain (DM 40-60+) Begins to identify own mathematical problems based on own interests and fascinations (DM 40-60+)		using materials, arrays, repeated addition and multiplication and division facts.
	Fractions and Decimals Recognises, finds and names a half of shapes and quantities. Recognises, finds and names a quarter of shapes and quantities.	**Fractions** Identifies 1/2, 1/3, 1/4, 2/4 and 3/4 of length, shape or quantity. Recognises the equivalence of 2/4 and 1/2.
See Numbers Beyond 20	**Counting (forwards and backwards)** Counts to and across 100, forwards and backwards from any number. Counts in multiples of 2, 5 and 10.	**Counting (forwards and backwards)** Counts in steps of 2, 3 and 5 from zero and count in 10s from any number. Identifies odd and even numbers.
Measurement ***Use everyday language to talk about size, weight, capacity*** E***stimate, measure, weigh and compare and order objects*** Compare objects and quantities Solve size problems involving measures Explore measuring objects using non-standard units	**Measurement** Measures & compares, and orders: length, mass, capacity in standard metric units.	**Measurement** Uses all measuring apparatus accurately to estimate and measure length, mass, temperature and capacity.
Money ***Compare quantities and objects to solve problems*** U***se everyday language to talk about money,*** recognise coins up to 50p and their values Compare the value of coins Use quantities and objects to count on and back to add and subtract	**Money** Recognises the value of all coins and notes.	**Money / Time** Combines £s and p to make different amounts and tells the time to the nearest 5 minutes (knowing number of minutes in hour and hours in day).
Shape and Pattern ***Talk about properties of shapes*** E***xplore characteristics of everyday objects and shapes and use mathematical language to describe them*** Explore characteristics of everyday objects and shapes (focusing on 2-D shapes) Use mathematical language associated with shape Classify and sort shapes Recognise, create and describe patterns with shapes Use mathematical language to describe size and position	**Geometry - Shape** Recognises and names common 2D and 3D shapes.	**Geometry - Shape** Identifies and describes properties of 2D and 3D shapes.

	Position and Direction Describes position, direction and movement (making turns) using prepositional language.	**Position / Direction** Understands positions on a compass and uses this to give directions (including rotation as turns).
Time ***Use everyday language to talk about time,*** days of the week and months of the year Measures short periods of time in simple ways Orders and sequences familiar events Use ordinal numbers: 1st, 2nd...last	**Time** Tells the time to the nearest half hour and recognises and uses language relating to days & dates.	**Statistics** Asks and answers questions about data within a graph and makes comparisons and real life links.
Depth of numbers within 20	**Reasoning** Describes, convinces & justifies decisions following lines of enquiry and generalising.	**Reasoning** Describes, convinces and justifies decisions following lines of enquiry & generalising.
Depth of numbers within 20	**Problem Solving** Works systematically & spots patterns by visualising and making conjectures.	**Problem Solving** Works systematically & spots patterns by visualising and making conjectures.
Depth of numbers within 20	**Fluency** Works efficiently and accurately.	**Fluency** Works efficiently and accurately.
Depth of numbers within 20	**Communication** Makes their mathematical thinking clear to themselves and others.	**Communication** Makes their mathematical thinking clear to themselves and others.
Depth of numbers within 20	**Reflection** Uses own and suggested strategies to make corrections and improvements.	**Reflection** Uses own and suggested strategies to make corrections and improvements.