

Year 1 Progression - targets with NC reference		
	Year 1	Year2
N1 Counting	1N1a I can count to and across 100, forwards & backwards, beginning with 0 or 1, or from any given number 1N1b I can count in multiples of twos, fives and tens	2N1 I can count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
N2 read, write, order and compare numbers	1N2a I can count, read and write numbers to 100 in numerals 1N2b I can identify one more and one less than given number 1N2c I can read and write numbers from 1 to 20 in numerals and words	2N2a I can compare and order numbers from 0 up to 100; use <, > and = signs 2N2b Read and write numbers to at least 100 in numerals and in words
N3 Place value and Roman numerals		2N3 I can recognise the place value of each digit in a two-digit number (tens, ones)
N4 Identify, represent estimate, rounding	1N4 I can identify & represent numbers using objects and pictorial representations including the number line, and use language of: equal to, more than, less than (fewer), most, least	2N4 I can identify, represent and estimate numbers using different representations, including the number line
N6 Number problems		2N6 I can use place value and number facts to solve problems
C1 + / - mentally	1C1 I can represent and use number bonds and related subtraction facts within 20	2C1 I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
C2 +/- written methods	1C2a I can add and subtract 1-digit & 2-digit numbers to 20, including zero 1C2b I can read, write and interpret mathematical statements involving addition (+), subtraction (−) equals (=) signs	2C2a I can add and subtract numbers mentally,: a two- digit number and ones, a two digit number and tens, two two-digit numbers, adding three one - digit numbers 2C2b I can add and subtract numbers using: a two- digit number and ones, a two digit number and tens, two two-digit numbers, adding three one - digit numbers
C3 estimate, inverse and check		2C3 I can recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems.
C4 +/- Solve problems	1C4 I can solve one-step problems that involve addition and subtraction, using concrete objects & pictorial representations and missing problems such as $7 = \square - 9$	2C4 I can solve simple one-step problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods
C6 Multiply Divide mentally		2C6 I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
C7 Multiply /divide using written methods		2C7 I can calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
C8 Solve problems	1C8 I can solve one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations & arrays with teacher support	2C8 I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
C9 Order of operations		2C9a I can show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot 2C9b I can show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot

F1 Recognise find , write , name fractions	1F1a I can recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity 1F 1b I can recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	2F1a Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity 2F1b Write simple fractions for example, $\frac{1}{2}$ of 6 = 3
F2 Equivalent fractions		2F2 I can recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$
M1 Comp / order	1M1 Compare, describe and solve practical problems for; lengths and heights, mass/weight, capacity and volume, and time	2M1 I can compare and order lengths, mass, volume/capacity and record the results using >, < and =
M2 est / measure & read scales	1M2 Measure and begin to record the following: lengths and heights, mass/weight, capacity and volume, time (hours, minutes, seconds)	2M2 I can choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
M3	1M3 I can recognise and know the value of different denominations of coins and notes	2M3a I can recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value 2M3b I can find different combinations of coins that equal the same amounts of money
M4 Tell/ order / duration and units of time	1M4a I can tell the time to the hour/ half past and draw hands on a clock face to show these times 1M4b I can sequence events in chronological order using language, e.g. morning, afternoon... 1M4c I can recognise & use language relating to dates, incl. days of the week, weeks, months/years	2M4a I can tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times 2M4b I can compare and sequence intervals of time 2M4c I know the number of minutes in an hour and the number of hours in a day
M9 Solve problems involving measures		2M9 I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
G1	1G1a I can recognise and name common 2-D shapes, including 2-D shapes (E.g. circles, rectangles, triangles) 1G1b I can recognise and name common 3-D shapes, including 3-D shapes (E.g. spheres, cuboids, pyramids)	2G1a I can compare and sort common 2-D shapes and everyday objects 2G1b I can compare and sort common 3-D shapes and everyday objects
G2 Describe properties and classify shapes		2G2b I can identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line 2G2b I can identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
G3 Draw & make shapes relate 2D to 3D		2G3 I can identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]
P1		2P1 I can order and arrange combinations of mathematical objects in patterns and sequences
P2 Describe position direction & movement	1P2 I can describe position, direction and movement, including whole, half, quarter and three-quarter turns.	2P2 I can use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).
S1 Interpret/ represent data		2S1 I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables
S2 Solve problems involving data		2S2a I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity 2S2b I can ask and answer questions about totalling and comparing categorical data