Name:	Year group joined/date:	
SEND/EI	PP: Yes/No	

MATHS		
	Year 2 Expected	**Year 2 Greater Depth**
Number	Read, write and compare and order numbers 0-100 using < > and = confidently	
	Count in steps of 2, 3, 5 from zero, and 10 from any number forward and backwards and count in groups to solve problems (e.g. count the number of chairs in a diagram when the chairs are organised in 7 rows of 5 by counting in fives)	
	Recognise the value of any digit in a 2 digit number	
	Accurately use mathematical language – equal, more, less, fewer, most, least within word problems	
	Use place value and number facts to solve problems	
Calculations	Use inverse strategies applying + - and =. Addition can be in any order, subtraction cannot be reversed. Recognise the inverse relationships between addition and subtraction and use this to check calculations and work out missing number problems (e.g. $\triangle - 14 = 28$).	Solve more complex missing number problems (e.g. $14 + \triangle - 3 = 17$; $14 + \triangle = 15 + 27$).
	Solve addition and subtraction problems using the column method involving 2 digit numbers. Partition two-digit numbers into different combinations of tens and ones. (e.g. 23 is the same as 2 tens and 3 ones which is the same as 1 ten and 13 ones). Add 2 two-digit numbers within 100 (e.g. 48 + 35) and explain the method using pictures or manipulatives. Subtract mentally a two-digit number from another two-digit number when there is no renaming required (e.g. 74 – 33).	Solve calculations including several single digit numbers Reason about addition (e.g. that the sum of 3 odd numbers will always be odd). Work out mental calculations where renaming is required (e.g. 52 – 27; 91 – 73).
	Add and subtract a two-digit number and ones and a two-digit number and tens where no regrouping is required (e.g. 23+5; 46+20), and demonstrate the method using pictures or manipulatives.	
	Know by heart all bonds of multiples of 10 to 100	
	Know by heart halves of all even numbers to 20	
	Know by heart addition and subtraction facts for each number up to 20	
	Use number bonds and related subtraction facts within 20 (e.g. 18=9+?; 15 = 6 + ?)	
	Estimate to check that answers are reasonable	

	(e.g. knowing that 48 + 35 will be less than 100).	
	Times and divide by 2, 5 and 10 using x and ÷ to record Use multiplication and division facts for the 2, 5 and 10 times tables to solve simple problems, demonstrating an understanding of commutativity (e.g. knowing they can make 7 groups of 5 from 35 blocks and writing 35 ÷ 5 = 7).	Use multiplication facts to make deductions (e.g. multiples of 5 end in 0 or 5 so 18 × 5 cannot be 92 as it is not a multiple of 5). Use times tables facts to solve problems with remainders.
	Solve multiplication problems using objects and understand that multiplication can be in any order	Solve word problems that involve more than one step (e.g. which has the most biscuits, 4 packets of biscuits with 5 in each packet or 3 packets of biscuits with 10 in each packet?).
		Rewrite addition statements as simplified multiplication statements (e.g. 10 + 10 + 10 + 5 + 5 = 3 × 10 + 2 × 5 = 4 × 10).
Fractions	Recognise, find and name $\frac{1}{2}$ $\frac{1}{4}$ 1/3 2/4 and $\frac{3}{4}$ of a shape or quantity and know that all parts must be equal parts of the whole.	Find and compare fractions of amounts.
Fractions	Recognise equivalence e.g. 2/4 = $\frac{1}{2}$	
Measurement	Compare and order length, mass, capacity and volume using standard measures ‹ › and = Read scales in divisions of ones, twos, fives and tens where all numbers on the scale are given.	Read scales in divisions of ones, twos, fives and tens where not all numbers on the scale are given.
Measurement	Recognise and use £ and p using different combinations to make set amounts Solve practical word problems applying addition, subtraction and giving change	Find all possible combination of coins to equal a given amount. Solve more complex problems such as how to pay a given amount using the fewest possible number of coins.
Measurement	Read the time on the clock to the nearest 15 minutes.	Tell, write and draw the time to the nearest 5 minutes.
Measurement	Compare and sequence intervals of time. Know the number of minutes in an hour and number of hours in a day.	Use these facts to solve problems.
Geometry	Identify and describe properties of 2D and 3D shapes. Identify 2D shapes on the face of 3D shapes. Compare and sort common 2D and 3D shapes including everyday objects	Describe similarities and differences of shape properties
Geometry	Describe movement using technical vocabulary e.g. clockwise/anticlockwise	
Statistics	Interpret and construct pictograms, tally charts, block diagrams and tables	Use symbols that show many to one correspondence or scales divided into 2s or 5s
Statistics	Ask and answer simple questions about charts totalling and comparing data	Ask and answer more complex questions about charts.