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

MATHS		
	Year 3 Expected	**Year 3 Greater Depth**
Number	Read, write and compare and order numbers 0-1000 in numerals and words	Read, write and compare and order numbers 0-1000 in numerals and words in context – dates; measures
	Find 10 or 100 more or less than a given number	
	Count in multiples of 3, 4, 8, 50 and 100 from zero forward and backwards	Count at speed in multiples of 3, 4, 8, 50 and 100 from zero forward and backwards
	Recognise the value of any digit in 3 digit number	
	Solve practical problems applying place value knowledge	
Calculations	Check answers using inverse strategies. (15)	Independently check answers using inverse strategies.
	Apply the column method using carrying and exchanging to complex problems. Apply this to 3 digit numbers. (16)	Find missing numbers in addition and subtraction calculations using the column method, involving 3 digits.
	Know by heart all number bonds that total 100	
	Know by heart all doubles of multiples of 5 up to 100 and halves of multiples of 10	
	Know by heart all sums and differences of multiples of 10 up to 100	
	Estimate answers to addition and subtraction problems using 3 digits. (15.1)	Independently estimate answers to addition and subtraction problems using 3 digits (could be mentally).
	Know multiplication and division facts for 3, 4, 6 and x 8 and ÷ to record	Reason about multiplication and division facts for 3, 4, 6 and x 8
	Begin to use formal written methods for 2digit X 1digit	Confidently use formal written methods for 2digit X 1digit
	Solve multiplication problems, including missing number problems	
	Apply multiplication facts to multiples of 10.	
Fractions	Recognise, find and write fractions of sets of objects Show fractions using shapes	

	Count up and downs in tenths from any number	
	Solve fractional problems	
	Add and subtract fractions with the same denominator	
	Compare and order fractions with the same denominator	
	Know pairs of fractions which make 1 whole	
	Recognise ½ ¼ ¾ and 1 whole as a decimal.	
	Associate a fraction with division.	Associate a fraction with division and use this to find fractions of amounts.
Measurement	Measure, compare, add and subtract length, mass, capacity and volume.	
	Apply knowledge of money to word problems using the four rules	
	Know the number of g in kg, ml in l, mm in cm, cm in m and m in km	Begin to convert measures of single units e.g. 2 kg = 2000g 100cm = 1m
	Tell all analogue times (both 12hr and 24hr) including Roman Numerals	Begin to convert between 12hr and 24 hr times
	Know the number of seconds in a minute, minutes in an hour and hours in a day	
	Know the number of days in a week, month and year, including leap years	
	Compare durations of events. Know seconds in a minute, days in a month, year and leap year	
	Measure perimeter of simple 2D shapes	Reason about the perimeters of simple 2D shapes e.g. If a hexagon has sides of 3cm, whet is its perimeter?
Geometry	Draw 2D shapes and make 3D shapes in different orientations. Recognise that angles can be properties of a shape	Compare shapes, identifying similarities and differences, including angles.
	Identify right angles. Recognise 2 right angles are ½ turn and 3 right angles are ¾ turn. Identify greater/smaller then a right angle	
	Identify horizontal/vertical/ perpendicular/parallel lines	
Statistics	Interpret and present data into pictograms, bar charts and tables e.g. scale of 2, 5 or 10	
	Solve one and two step problems based on charts	
Posn and dirn	Be able to name a single point coordinate in a single quadrant	