Year 3		End of Year Expectations
Problem solving		- **To solve one-step and two-step questions** - **To solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.** - **To solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence** - **To solve problems in which n objects are connected to m objects.** - **To solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.** - **I can solve problems that involve all of the information on fractions.**
Number	**Place Value**	- **I can read and write numbers up to 1,000 in numerals and in words** - **I can recognise the place value of each digit in a 3-digit number (hundreds, tens, ones).** - **I can compare and order numbers up to 1,000** - **I can identify, represent and estimate numbers using different representations.**
	Counting	- **I can count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number**
	Fractions and Decimals	- **I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.** - **I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.** - **I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.** - **I can recognise and show, using diagrams, equivalent fractions with small denominators.** - **I can add and subtract fractions with the same denominator within one whole.** - **I can compare and order unit fractions, and fractions with the same denominators.**

Year 3		End of Year Expectations
Calculating	**Addition and Subtraction**	- I can add and subtract numbers mentally. - I can add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction. - I can estimate the answer to a calculation and use inverse operations to check answers.
	Multiplication and Division	- I can recall and use multiplication and division for the 3, 4 and 8 times tables. - I can write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.
Geometry	**Properties of Shape**	- I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. - I can recognise angles as a property of shape or a description of a turn. - I can identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle. - I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Year 3	End of Year Expectations
Measurement	**- I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).** **- I can measure the perimeter of simple 2-D shapes.**
Measurement – Money	**- I can add and subtract amounts of money to give change, using both £ and p in practical contexts.**
Measurement – Time	**- I can tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.** **- I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.** **- I know the number of seconds in a minute and the number of days in each month, year and leap year.** **- I can compare durations of events (for example, to calculate the time taken by particular events or tasks).**
Statistics	**- I can interpret and present data using bar charts, pictograms and tables.**