Year 3		Step 11	Step 12
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 compare and order numbers up to 1,000 based on the hundreds column - I can find 10 and 100 more and less than a given number using - I can identify, represent and estimate numbers using different representations* ***(Allow children to use range of apparatus such as Numicon, counting sticks, cubes, 100 squares etc).**	- I can read, write, compare and order numbers up to 1,000 in numerals and words - I can recognise the place value of each digit in a 3-digit number
	Counting	- I can count forwards and backwards from 0 in steps of 3, 4 and 8.	I can count forwards and backwards in 10s or 100s from any number.
	Fractions and Decimals	- I can count up and down in tenths; recognising that tenths arise by dividing one-digit numbers or quantities by 10. - I can begin to recognise, find and write fractions of a discrete set of objects: no - I can add and subtract fractions with the same denominator within one whole using concrete materials and pictorial representations - I can compare and order unit fractions on a number line < 1	- 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 and numbers: unit fractions and non-unit fractions with small denominators. - I am beginning to compare and order unit fractions on a number line > 1
Calculating	**Addition and Subtraction**	- I can add a three-digit number and 10s (HT1s+T1s), mentally - I can add and subtract numbers with 3 digits, using formal written methods of columnar addition and subtraction without regrouping. - I can estimate the answer to a calculation. -I can add and subtract 2 2-digit numbers beyond 100, mentally.	- I can add a three-digit number and 100s (HT1s+HT1s). - I can add and subtract numbers with 3 digits, using formal written methods of columnar addition and subtraction with regrouping.. - I can use inverse operations to check answers.
	Multiplication and Division	- I can recall and use multiplication and division for the 3 and 4 times tables up to x12 I can recall the 8 times table facts up to x5. -I can see the relationship between the 2, 4 and 8 times table and use this to help me to remember the facts. - I can use the multiplication tables I know to help me write and calculate mathematical statements for multiplication and division.	- I can recall and use multiplication and division for the 8 times tables up to x12. - I can use formal written methods to write and calculate mathematical statements for multiplication (T1s x 1s) and division. (T1s ÷ 1s, no remainder) for known timestables.
Geometry	**Properties of shape**	- I can recognise angles as a property of shape or a description of a turn. - I can identify whether angles are greater than or less than a right angle. - I can identify horizontal and vertical lines	- I can recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn. - I can identify pairs of perpendicular and parallel lines.
	Position and direction		
Measurement		- I can add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) using mixed units	- I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) using simple equivalents of mixed units where appropriate (*e.g. comparing 1L with 750ml)*
Measurement - Money		- I can add and subtract amounts of money to give change, beginning to use both £ and p in practical contexts up to £5	- 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 a 24- hour digital clock. - I can record and compare time in terms of seconds, minutes and hours. - I know the number of seconds in a minute and the number of days in each month, year and leap year. - I can recognise and know the value of different denominations of coins .	- 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 compare durations of events (for example, to calculate the time taken by particular events or tasks).
Statistics		- I can draw, read and insert data into bar charts, pictograms and tables. - I can ask and answer simple questions by counting the number of objects in	- I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables

	each category and sorting the categories by quantity.	- I can ask and answer simple questions about totaling and comparing categorical data.