

Year 3		Step 10	Step 11
Problem Solving		<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - I can find 10 and 100 more and less than a given number using concrete materials - I am beginning to recognise the place value of each digit in a 3-digit number 	<ul style="list-style-type: none"> - 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 representations* - 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).
	Counting	<ul style="list-style-type: none"> - I can count fluently from 0 in steps of 50 and 100 - I can count forwards and backwards from 0 in steps of 3 and 4. 	<ul style="list-style-type: none"> - I can count forwards and backwards from 0 in steps of 3, 4 and 8.
	Fractions and Decimals	<ul style="list-style-type: none"> - I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts - I can begin to recognise, find and write fractions of a discrete set of objects: unit fractions - I can begin to recognise and show, using diagrams, equivalent fractions with small denominators. ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$) - I can compare fractions with the same denominators. 	<ul style="list-style-type: none"> - 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: non-unit fractions with small denominators. - 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
Calculating	Addition and Subtraction	<ul style="list-style-type: none"> - I can add a three-digit number and 1s (HT1s1s), mentally - I can add and subtract up to 3 digit numbers informally. - I can add and subtract numbers with 2 digits, using formal written methods of columnar addition and subtraction without regrouping. - I can add and subtract 2 2-digit numbers within 100, mentally. - I can begin to estimate the answer to a calculation. 	<ul style="list-style-type: none"> - 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.
	Multiplication and Division	<ul style="list-style-type: none"> - I can recall and use multiplication and division for the 3 and 4 times tables up to x 5 - I can use the multiplication tables I know to help me calculate (mentally) mathematical statements for multiplication and division (e.g. $2 \times 3 = 6$ so $2 \times 30 = 60$; $6 \div 2 = 3$ so $60 \div 2 = 30$). I understand multiplication as scaling. I show multiplication is distributive using arrays. (e.g. $2 \times 24 = (2 \times 20) + (2 \times 4)$) 	<ul style="list-style-type: none"> - 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.
Geometry	Properties of shape	<ul style="list-style-type: none"> - 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 2D and 3D shapes with line symmetry. 	<ul style="list-style-type: none"> - 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
	Position and direction		
Measurement		<ul style="list-style-type: none"> - I can add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) using mixed units 	<ul style="list-style-type: none"> - I can add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) using mixed units
Measurement - Money		<ul style="list-style-type: none"> - I can add and subtract amounts of money to give change, beginning to use both £ and p in practical contexts up to £5 	<ul style="list-style-type: none"> - I can add and subtract amounts of money to give change, beginning to use both £ and p in practical contexts up to £5
Measurement - Time		<ul style="list-style-type: none"> - I can tell and write the time from a 12- hour digital and analogue clock - I can estimate and read time in 5 minute and 1 minute intervals. - I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight. - I am beginning to know the number of seconds in a minute and the number of 	<ul style="list-style-type: none"> - 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

	days in each month, year and leap year.	the value of different denominations of coins .
Statistics	- I can read and insert data into bar charts, pictograms and tables.	- 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 each category and sorting the categories by quantity.