



Year 3

Aspect			
Number and Place Value	- I count from 0 in multiples of 4, 8, 50 and 100. - I can find 10 or 100 more, or less, than a given number. - I read and write numbers to 1,000 in numerals and words	- I compare and order numbers up to 1000. - I recognise the place value of each digit in a 3-digit number.	
Addition and Subtraction		- I add and subtract numbers mentally, including: 3-digit number and ones; 3-digit numbers and tens; 3-digit numbers and hundreds. - I add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction.	- I estimate the answer to a calculation and use the inverse operations to check my answers. - I count up and down in tenths; recognise that tenths arise from dividing an object into ten equal parts and in dividing numbers or quantities by 10. - I add and subtract measures (length, mass and volume) with up to 3 digits, using formal written methods of columnar addition and subtraction. - I solve word problems including missing number problems, number facts, place value and more complex addition and subtraction.
Multiplication and Division	- I recall and use the multiplication and division facts for the 3, 4 and 8 tables. - I write and calculate mathematical statements for multiplication using known multiplication tables, including 2-digit x 1-digit, using mental and progressing to formal written methods. - I write and calculate mathematical statements for division using known multiplication tables, including 2-digit x 1-digit, using mental and progressing to formal written methods.	I write and calculate mathematical statements for multiplication and division using known multiplication tables, including use of money and length.	I practise formal methods of multiplication and division, including a high focus on reasoning.



Year 3 (continued)

Aspect			
Fractions		- I recognise and show, using diagrams, equivalent fractions with small denominators. - I recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. - I compare and order unit fractions, and fractions with the same denominators. - I add and subtract fractions with the same denominator within one whole.	
Measures	- I measure the perimeter of simple 2D shapes. - I estimate and read time with increasing accuracy to the nearest minute; Tell and write the time from an analogue clock, including using Roman numerals from I to XII.	- I measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/ capacity (l/ml). - I read 12-hour and 24-hour clocks. - I record and compare time in terms of seconds, minutes, hours. - I use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight.	- I know the numbers of seconds in a minute and the number of days in each month, year and leap year. - I compare durations of events, for example to calculate time taken by particular events or tasks.
Geometry	I make 3D shapes using modelling materials; recognise 3D shapes in different orientations; and describe them.	- I draw 2D shapes. - I recognise angles are a property of shape or a description of a turn. - I identify right angles, recognise that two right angles make a half-turn, three make three quarters and four a complete turn - I identify whether angles are greater than or less than a right angle.	I identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
Statistics	I interpret and present data using: bar charts; pictograms and tables.		I solve 1-step and 2-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts, pictograms and other graphs.