



Year 3 Maths Long-Term Plan



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
M/O starters:	count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) compare and order numbers up to 1,000						compare and order numbers up to 1,000 identify, represent and estimate numbers using different representations read and write numbers up to 1,000 in numerals and in words					
	2x table	5 x table	10 x table	2x table	5 x table	10 x table	3 x table	3 x table	6 x table	6 x table	3x table	6 x table
Autumn Term	Number – addition and subtraction add and subtract numbers mentally, including: a three-digit number and 1s a three-digit number and 10s a three-digit number and 100s add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction (no carrying/exchanging)		Number – multiplication and division recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables 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 (USE INVERSE - no need to do 'formal' method).		Number – fractions recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a set of objects or quantity write simple fractions, for example $\frac{1}{2}$ of 6 = 3 recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ 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 understand that fractions can be added together to make a whole (bar model examples) and also show using missing fraction sentences ($\frac{1}{5} + ? = 1$) recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators						Assess week	Measure measure, compare, add and subtract: lengths (m/cm/mm); Measure - perimeter measure the perimeter of simple 2-D shapes



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Spring Term	Number – addition and subtraction add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction (moving on to carrying/exchanging if confident) estimate the answer to a calculation and use inverse operations to check answers solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction Measure - add and subtract amounts of money to give change, using both £ and p in practical contexts		Geometry – shape draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them recognise angles as a property of shape or a description of a turn 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 identify horizontal and vertical lines and pairs of perpendicular and parallel lines		Fractions recognise, find, name and write $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ fractions of a length, shape and amount/quantity recognise and show, using diagrams, equivalent fractions with small denominators recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators recognise and show, using diagrams, equivalent fractions with small denominators (e.g. a shape has 6 equal parts and the children are asked to shade in 1/3).			Number – multiplication and division recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables 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 (moving on to ‘formal’ method with confident X tables and no exchanging) solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects		Assess week	Measure – time tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks 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, am/pm, morning, afternoon, noon and midnight know the number of seconds in a minute and the number of days in each month, year and leap year compare durations of events [for example, to calculate the time taken by particular events or tasks]	



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Summer Term	Number - 4 operation revision add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction (moving on to carrying/exchanging if confident) solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction write and calculate mathematical statements for multiplication and division using the multiplication tables that they know using formal written methods (carrying and/exchanging if confident) solve problems, including missing number problems, involving multiplication and division		Statistics interpret and present data using bar charts, pictograms and tables 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		Fractions recognise and show, using diagrams, equivalent fractions with small denominators add and subtract fractions with the same denominator within one whole compare and order unit fractions, and fractions with the same denominators recognise, find, name and write $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape and amount/quantity practise counting using simple fractions and decimals, both forwards and backwards (on a number line)			Measure measure, compare, add and subtract: mass (kg/g); measure, compare, add and subtract: volume/capacity (l/ml)		Assess week	Consolidation work based on the year – to include fractions. Start to look at fractions as a mixed number	