

Maths Medium Term Plan Year 3



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	<p>Number and Place Value</p> <ul style="list-style-type: none"> ♣ 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 three-digit number (hundreds, tens, ones) ♣ compare and order numbers up to 1000 ♣ identify, represent and estimate numbers using different representations ♣ read and write numbers up to 1000 in numerals and in words ♣ solve number problems and practical problems involving these ideas 			<p>Addition and subtraction</p> <ul style="list-style-type: none"> ♣ add and subtract numbers mentally, including: <ul style="list-style-type: none"> • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds ♣ add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction ♣ 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. 				<p>Number: Multiplication and Division</p> <ul style="list-style-type: none"> ♣ count from 0 in multiples of 4, 8 ♣ 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 ♣ 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. 					Consolidation

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Spring	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 ♣ 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.			Measurement: Money ♣ add and subtract amounts of money to give change, using both £ and p in practical contexts	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.		Measurement: Length and Perimeter ♣ measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g), volume and capacity (l/ml) ♣ measure the perimeter of simple 2-D shapes		Number: Fractions ♣ 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 ♣ recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators ♣ recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators ♣ solve problems that involve all of the above.			Consolidation

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Summer	Number: Fractions <ul style="list-style-type: none"> ♣ recognise and show, using diagrams, equivalent fractions with small denominators ♣ add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$] ♣ compare and order unit fractions, and fractions with the same denominators ♣ solve problems that involve all of the above 			Measurement: Time <ul style="list-style-type: none"> ♣ 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, a.m./p.m., 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]. 			Geometry: Properties of Shape <ul style="list-style-type: none"> ♣ 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 two right angles make a half-turn, three make three quarters of a turn and four 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 		Measurement: Capacity <ul style="list-style-type: none"> ♣ measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml) 			Consolidation	