



Mathematics Curriculum Map: Year 2

Mastery

	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	Numbers within 100		Addition and subtraction of 2-digit numbers		Addition and subtraction word problems		Measures: Length		Graphs	Multiplication and division		
	<ul style="list-style-type: none"> • Read, write, represent, partition, compare and order numbers to 100 • Explore patterns including, odds and evens, tens and ones 	<ul style="list-style-type: none"> • Apply number bonds to add and subtract • Represent and explain addition and subtraction of two 2-digit numbers. • Add three 1-digit numbers 	<ul style="list-style-type: none"> • Introduction to bar models as a representation • Create, label and sketch bar models 	<ul style="list-style-type: none"> • Draw and measure lengths in centimetres • Use $<$, $>$ and $=$ to compare and order lengths in metres and centimetres 	<ul style="list-style-type: none"> • Represent and interpret: pictograms, block diagrams, tables and tally charts. 	<ul style="list-style-type: none"> • Explore multiplication and division through arrays • Explore division as grouping and as sharing • Connect multiplication and division facts using commutativity and inverse • Calculate the times tables of 2, 5, and 10 using different strategies 						

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Spring	Time		Fractions		Addition and subtraction of 2-digit numbers		Money		Face, shapes and patterns; lines and turns		
	<ul style="list-style-type: none"> • Tell the time on an analogue clock: quarter past, quarter to and five minute intervals • Calculate durations of time in minutes and seconds • Sequence daily events • Minutes in an hour and hours in a day 	<ul style="list-style-type: none"> • Part-whole relationships • Fractions as part of a whole or a whole set • Relate to division • Equivalent fractions 	<ul style="list-style-type: none"> • Illustrate, represent and explain addition and subtraction involving regrouping including 'Make Ten', 'Round and adjust' and near doubles strategies 	<ul style="list-style-type: none"> • Recognise coins and notes • Use £ and p accurately • Add and subtract amounts • Calculate change 	<ul style="list-style-type: none"> • Explore, sort and describe 2-D shapes • Lines of symmetry in 2-D shapes • Identify 2-D shapes on 3-D shapes • Compare and sort 2-D and 3-D shapes • Use language to describe position, direction and rotation to follow a route 						

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Summer	Numbers within 1000		Measures: Capacity and volume		Measures: Mass		Exploring calculation strategies		Exploring multiplicative thinking
	<ul style="list-style-type: none"> • Represent in different ways • Compare using symbols • Read scales 	<ul style="list-style-type: none"> • Read and measure temperature • Estimate, measure and understand litres and millilitres • Compare and order capacities 	<ul style="list-style-type: none"> • Weigh and compare masses in kilograms and grams 	<ul style="list-style-type: none"> • Apply addition and subtraction strategies to solve equations • Illustrate and explain addition and subtraction using column method 	<ul style="list-style-type: none"> • Pattern seek with multiples of 2, 3, 4 5 and 10 using an array • Use known facts to derive facts from the 3 and 4 times tables. • Connect multiplication and division facts using commutativity and inverse 				



The Dimensions of Depth - Conceptual Understanding, Language and Communication and Mathematical Thinking - underpin all aspects of the curriculum; problem solving is at the heart and is embedded in all units.