



Mathematics Curriculum Map: Year 3

Mastery

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Autumn	Number sense and exploring calculation strategies			Place value		Graphs	Addition and subtraction			Length and perimeter	
	<ul style="list-style-type: none">• Read, write, order and compare numbers to 100• Calculate mentally using known facts, round and adjust, near doubles, adding on to find the difference• Derive new facts from a known fact			<ul style="list-style-type: none">• Read, write, represent, partition, order and compare 3-digit numbers• Find 10 and 100 more or less• Round to the nearest multiple of 10 and 100		<ul style="list-style-type: none">• Collect, interpret and present data using charts and tables	<ul style="list-style-type: none">• Develop and use a range of mental calculation strategies• Illustrate and explain formal written methods – column method			<ul style="list-style-type: none">• Measure, draw and compare lengths• Add and subtract lengths• Calculate perimeter	

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Spring	Multiplication and division		Calculating with multiplication and division			Time		Fractions		
	<ul style="list-style-type: none">• Understanding multiplicative relationships: commutativity and inverse• Exploring multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10		<ul style="list-style-type: none">• Multiply and divide by 10• Multiply a 2-digit number by a 1-digit number• Divide 2-digit by a 1-digit• Correspondence problems			<ul style="list-style-type: none">• Tell, record, write and order the time analogue and digital• 12-hour, a.m., p.m.• Measure, calculate and compare durations		<ul style="list-style-type: none">• Part-whole relationships• Fractions as part of a whole or a whole set and as a number• Add, subtract, compare and order fractions		

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Summer	Angles and shape			Measures			Applying multiplicative thinking	Exploring calculation strategies and place value	
	<ul style="list-style-type: none">• Identify angles including right angles and recognise as a quarter of a turn• Identify and draw parallel and perpendicular lines• Draw/make, classify and compare 2-D and 3-D shapes• Measure the perimeter			<ul style="list-style-type: none">• Read scales with different intervals when measuring mass and volume• Weigh and compare masses and capacities with mixed units• Estimate mass and capacity			<ul style="list-style-type: none">• Representing multiplication and division problems• Solve a one-step problem	<ul style="list-style-type: none">• Add and subtract mentally• Find 10, 100 and 1000 more or less• Order and compare beyond 1000• Round numbers	



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.