

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 					

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Spring	Multiplication and division			Deriving multiplication and division facts		Time				
	<ul style="list-style-type: none"> Multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10 Multiplicative structures: equal groups/parts, change and comparison, correspondence problems Relationships: commutativity and inverse 	<ul style="list-style-type: none"> Multiply and divide by 10 and 100 Multiply a 2-digit number by 2, 3, 4, 5 and corresponding division situations Divide 2-digit by a 1-digit 	<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 					

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Summer	Angles and shape			Measures		Securing multiplication and division		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"> Recall and use multiplication and division facts for 6 and 8 times table 		<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.

