Mathematics Mastery Curriculum Map: Year 3

Autumn

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Number sense and exploring calculation strategies			**Place value**		**Graphs**	**Addition and subtraction**			**Length and perimeter**	
• 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			• 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		• Collect, interpret and present data using charts and tables	• Develop and use a range of mental calculation strategies • Illustrate and explain formal written methods – column method			• Measure, draw and compare lengths • Add and subtract lengths • Calculate perimeter	

Spring

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
Multiplication and division		**Calculating with multiplication and division**			**Time**		**Fractions**		
• Understanding multiplicative relationships: commutativity and inverse • Exploring multiplication and division facts for 2, 3, 4, 5, 6, 8 and 10		• Multiply and divide by 10 • Multiply a 2-digit number by a 1-digit number • Divide 2-digit by a 1-digit • Correspondence problems			• Tell, record, write and order the time analogue and digital • 12-hour, a.m., p.m. • Measure, calculate and compare durations		• Part-whole relationships • Fractions as part of a whole or a whole set and as a number • Add, subtract, compare and order fractions		

Summer

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Angles and shape			**Measures**			**Applying multiplicative thinking**	**Exploring calculation strategies and place value**	
• 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			• Read scales with different intervals when measuring mass and volume • Weigh and compare masses and capacities with mixed units • Estimate mass and capacity			• Representing multiplication and division problems • Solve a one-step problem	• 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.

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