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.