Year 3 Maths Long Term Plan 2026-27

Autumn

Main lesson	Number WRM - 3 weeks	Addition and Subtraction WRM - 5 weeks	Multiplication and Division (A) WRM - 4 weeks	Multiplication and Division (B) WRM - 3 weeks
	Step 1 Represent numbers to 100 **Step 2** Partition numbers to 100 **Step 3** Number line to 100 **Step 4** Hundreds **Step 5** Represent numbers to 1,000 **Step 6** Partition numbers to 1,000 **Step 7** Flexible partitioning of numbers to 1,000 **Step 8** Hundreds, tens and ones **Step 9** Find 1, 10 or 100 more or less **Step 10** Number line to 1,000 **Step 11 E**stimate on a number line to 1,000 **Step 12** Compare numbers to 1,000 **Step 13** Order numbers to 1,000 **Step 14** Count in 50s	**Step 1** Apply number bonds within 10 **Step 2** Add and subtract 1s **Step 3** Add and subtract 10s **Step 4** Add and subtract 100s **Step 5** Spot the pattern **Step 6** Add 1s across a 10 **Step 7** Add 10s across a 100 **Step 8** Subtract 1s across a 10 **Step 9** Subtract 10s across a 100 **Step 10** Make connections **Step 11** Add two numbers (no exchange) **Step 12** Subtract two numbers (no exchange) **Step 13** Add two numbers (across a 10) **Step 14** Add two numbers (across a 100) **Step 15** Subtract two numbers (across a 10) **Step 16** Subtract two numbers (across a 100) **Step 17** Add 2-digit and 3-digit numbers **Step 18** Subtract a 2-digit number from a 3-digit number **Step 19** Complements to 100 **Step 20** Estimate answers **Step 21** Inverse operations **Step 22** Make decisions	**Step 1** Multiplication - equal groups **Step 2** Use arrays **Step 3** Multiples of 2 **Step 4** Multiples of 5 and 10 **Step 5** Sharing and grouping **Step 6** Multiply by 3 **Step 7** Divide by 3 **Step 8** The 3 times-table **Step 9** Multiply by 4 **Step 10** Divide by 4 **Step 11** The 4 times-table **Step 12** Multiply by 8 **Step 13** Divide by 8 **Step 14** The 8 times-table **Step 15** The 2, 4 and 8 times-tables	**Step 1** Multiples of 10 **Step 2** Related calculations **Step 3** Reasoning about multiplication **Step 4** Multiply a 2-digit number by a 1-digit number - no exchange **Step 5** Multiply a 2-digit number by a 1-digit number - with exchange **Step 6** Link multiplication and division **Step 7** Divide a 2-digit number by a 1-digit number - no exchange **Step 8** Divide a 2-digit number by a 1-digit number - flexible partitioning **Step 9** Divide a 2-digit number by a 1-digit number - with remainders **Step 10** Scaling **Step 11** How many ways?
NCETM Mastering Number Programme	Securing understanding of the additive relationship Composition and securing additive facts: within 5 Structures within 10 Composition and securing additive facts: 6 to 10 Securing additive facts within 10 – strategies Doubles and near doubles Addition across 10 Subtraction across 10			

Spring					
Main lesson	**Fractions (A)** **WRM - 3 Weeks** **Step 1** Understand the denominators of unit fractions **Step 2** Compare and order unit fractions **Step 3** Understand the numerators of non-unit fractions **Step 4** Understand the whole **Step 5** Compare and order non-unit fractions **Step 6** Fractions and scales **Step 7** Fractions on a number line **Step 8** Count in fractions on a number line **Step 9** Equivalent fractions on a number line **Step 10** Equivalent fractions as bar models	**Fractions (B)** **WRM – 2 weeks** **Step 1** Add fractions **Step 2** Subtract fractions **Step 3** Partition the whole **Step 4** Unit fractions of a set of objects **Step 5** Non-unit fractions of a set of objects **Step 6** Reasoning with fractions of an amount	**Number sense and exploring calculation strategies** **MM – 3 weeks** • 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	**Place value** **MM – 2 weeks** • 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	**Addition and Subtraction** **MM – 3 weeks** • Develop and use a range of mental calculation strategies • Illustrate and explain formal written methods - column method
Maths Meetings	Continue with NCETM Mastering Number Programme Daily Maths Meetings to focus on: Times tables – 2s, 3s, 4s, 5s, 8s, 10s Time – to the nearest 5 minutes Length and Perimeter – equivalent lengths in mm, cm, m; calculating perimeter Statistics – understand pictograms and bar charts				

Summer						
Main lesson	**Multiplication and Division** **MM – 2 weeks** • 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	**Deriving Multiplication and Division Facts** **MM – 2 weeks** • 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	**Fractions** **MM – 3 weeks** • Part-whole relationships • Fractions as part of a whole or a whole set and as a number • Add, subtract, compare and order fractions	**Time** **WRM – 3 weeks** **Step 1** Roman numerals to 12 **Step 2** Tell the time to 5 minutes **Step 3** Tell the time to the minute **Step 4** Read time on a digital clock **Step 5** Use a.m. and p.m. **Step 6** Years, months and days **Step 7** Days and hours **Step 8** Hours and minutes - use start and end times **Step 9** Hours and minutes - use durations **Step 10** Minutes and seconds **Step 11** Units of time **Step 12** Solve problems with time	**Money** **WRM – 1 week** **Step 1** Pounds and pence **Step 2** Convert pounds and pence **Step 3** Add money **Step 4** Subtract money **Step 5** Find change	**Geometry** **WRM - 2 weeks** **Step 1** Turns and angles **Step 2** Right angles **Step 3** Compare angles **Step 4** Measure and draw accurately **Step 5** Horizontal and vertical **Step 6** Parallel and perpendicular **Step 7** Recognise and describe 2-D shapes **Step 8** Draw polygons **Step 9** Recognise and describe 3-D shapes **Step 10** Make 3-D shapes
Maths Meetings	Continue with NCETM Mastering Number Programme Daily Maths Meetings to focus on: Times tables – 2s, 3s, 4s, 5s, 8s, 10s Time – to the nearest 5 minutes Mass and Capacity - Use scales, equivalent masses (kilograms and grams), measure capacity and volume in litres and millilitres					