Year 3 Long Term Maths Plan 2024 - 2025

This plan follows White Rose Maths small steps.
Each bullet point is a small step

Autumn 1	**Number - Place Value** • Represent numbers to 100 • Partition numbers to 100 • Number line to 100 • Hundreds • Represent numbers to 1000	**Number - Place Value** • Partition numbers to 1000 • Flexible partitioning of numbers to 1000 • Hundreds, tens and ones • Find 1, 10,100 more or less	**Number – Addition and Subtraction** • Apply number bonds within 10 • Add and subtract 1s • Add and subtract 10s • Add and subtract 100s • Spot the pattern	**Measures – length** • Measure in metres and centimetres • Measure in millimetres • Measure in centimetres and millimetres • Metres, centimetres and millimetres	**Geometry – angles** • Turns and angles • Right angles • Compare angles • Measure and draw accurately	**Number – Multiplication and Division** • Multiplication – equal groups • Use arrays • Multiples of 2 • Multiples of 5 and 10 • Sharing and grouping
Autumn 2	**Number - Place Value** • Number line to 1000 • Estimate on a number line to 1000 • Compare numbers to 1000 • Order numbers to 1000 • Count in 50s	**Number – Addition and Subtraction** • Add 1s across a 10 • Add 10s across a 100 • Subtract 1s across a 10 • Subtract 10s across a 100 • Make connections	**Number – Add/subtract** • Add two numbers (no exchange) • Subtract two numbers (no exchange) • Add two numbers (across a 10) • Add two numbers (across a 100) • Subtract two numbers (across a 10) • Subtract two numbers (across a 100)	**Number – Multiplication and division** • Multiply by 3 • Divide by 3 • The 3 times table • Multiply by 4 • Divide by 4 • The 4 times table	**Measures - length** • Equivalent lengths (metres and centimetres) • Equivalent lengths (centimetres and millimetres) • Compare lengths • Add lengths • Subtract lengths	**Consolidate and NTS Assessments**
Spring 1	**Number – addition and subtraction** • Add 2-digit and 3-digit numbers • Subtract a 2-digit number from a 3-digit number • Complements to 100 • Estimate answers • Inverse operations • Make decisions	**Measures – perimeter** • What is perimeter? • Measure perimeter • Calculate perimeter	**Number – Division** • Multiply by 8 • Divide by 8 • The 8 times table • The 2, 4 and 8 times tables	**Number – multiplication and division** • Multiples of 10 • Related calculations • Reasoning about multiplication	**Number – Fractions** • Understand the denominators of unit fractions • Compare and order fractions • Understand the numerators of non-unit fractions • Understand the whole	**Number – multiplication** • Multiply a 2-digit number by a 1-digit number (no exchange) • Multiply a 2-digit number by a 1-digit number (exchange) • Link multiplication and division

Spring 2	**Number – Fractions** • Compare and order non-unit fractions • Fractions and scales • Fractions on a number line	**Number – Fractions** • Count in fractions on a number line • Equivalent fractions on a number line • Equivalent fractions as bar models	**Measures - Mass** • Use scales • Measure mass in grams • Measure mass in kilograms and grams • Equivalent masses (kilograms and grams) • Compare mass • Add and subtract mass	**Geometry - Shape** • Recognise and describe 2D shapes • Draw polygons • Recognise and describe 3D shapes • Make 3D shapes	**Measures - Tell the Time** • Roman numerals to 12 • Tell the time to 5 minutes • Tell the time to the minute • read time on a digital clock • use am and pm	**Consolidate and NTS Assessments**
Summer 1	**Number - Multiplication & Division** • Divide a 2-digit number by a 1-digit number (no exchange) • Divide a 2-digit number by a 1-digit number (flexible partitioning) • Divide a 2-digit number by a 1-digit number with remainders • Scaling • How many ways?	**Number – Fractions** • Add fractions • Subtract fractions • Partition the whole	**Number – fractions** • Unit fractions of a set of objects • Non-unit fractions of a set of objects • Reasoning with fractions of an amount	**Measures - Capacity** • Measure capacity and volume in millimetres • Measure capacity and volume in litres and millilitres	**Measures - capacity** • Equivalent capacities and volumes (litres and millilitres) • Compare capacity and volume • Add and subtract capacity and volume.	**Statistics - pictograms** • Interpret pictograms • Draw pictograms
Summer 2	**Geometry – lines** • Horizontal and vertical • Parallel and perpendicular	**Statistics – Bar charts** • Interpret bar charts • Draw bar charts • Collect and represent data • Two-way tables	**Measures - Duration** • Years, months and days • Days and hours • Hours and minutes – use start and end times • Hours and minutes – use durations • Minutes and seconds	**Number – Multiplication and division** Consolidate and revisit learning this year .	**Measures - Money** • Pounds and pence • Convert pounds and pence • Add money • Subtract money • Find change	**Consolidate and NTS Assessments**