

Year 4 Long Term Maths Plan 2024 - 2025

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

Autumn 1	<p>Number - Place Value</p> <ul style="list-style-type: none"> • -Represent numbers to 1000 • Partition numbers to 1000 • Number line to 1000 • Thousands 	<p>Number - Place Value</p> <ul style="list-style-type: none"> • Represent numbers to 10,000 • Partition numbers to 10,000 • Flexible partitioning of numbers to 10,000 • Find 1, 10, 100, 1000 more or less 	<p>Number - Addition & Subtraction</p> <ul style="list-style-type: none"> • Add and subtract 1s, 10s, 100, and 1000s • Add up to two 4-digit numbers – no exchange • Add two 4-digit numbers – one exchange • Add two 4-digit numbers – more than one exchange 	<p>Number—Addition & Subtraction</p> <ul style="list-style-type: none"> • Subtract two 4-digit numbers – no exchange • Subtract two 4-digit numbers – one exchange • Subtract two 4-digit numbers – more than one exchange • Efficient subtraction 	<p>Measures - perimeter</p> <ul style="list-style-type: none"> • Perimeter on a grid • Perimeter of a rectangle • Perimeter of a rectilinear shape • Find missing lengths in rectilinear shapes • Calculate the perimeter of rectilinear shapes • Perimeter of regular polygons • Perimeter of polygons 	<p>Measurement – Area</p> <ul style="list-style-type: none"> • What is area? • Count squares • Make shapes • Compare areas
Autumn 2	<p>Number - Multiplication & Division</p> <ul style="list-style-type: none"> • Multiples of 3 • Multiply and divide by 6 • 6 times table and division facts • Multiply and divide by 9 • 9 times table and division facts • The 3, 6 and 9 times table 	<p>Number – Fractions</p> <ul style="list-style-type: none"> • Understand the whole • Count beyond 1 • Partition a mixed number • Number lines with mixed numbers • Compare and order mixed numbers 	<p>Number - Multiplication & Division</p> <ul style="list-style-type: none"> • Multiply and divide by 7 • 7 times table and division facts • 11 times table and division facts 	<p>Number - Multiplication & Division</p> <ul style="list-style-type: none"> • 12 times table and division facts • Multiply by 1 and 0 • Divide a number by 1 and itself <p>Multiply 3 numbers</p>	<p>Statistics – Graphs</p> <ul style="list-style-type: none"> • Interpret charts • Comparison, sum and difference • Interpret line graphs • Draw line graphs 	Consolidate and NTS Assessments
Spring 1	<p>Number - Place Value</p> <ul style="list-style-type: none"> • Number line to 10,000 • Estimate on a number line to 10,000 • Compare numbers to 10,000 • Order numbers to 10,000 • Roman numerals 	<p>Fractions</p> <ul style="list-style-type: none"> • Understand improper fractions • Convert mixed numbers to improper fractions • Convert improper fractions to mixed numbers • 	<p>Fractions</p> <ul style="list-style-type: none"> • Equivalent fractions on a number line • Equivalent fraction families 	<p>Geometry - Shape</p> <ul style="list-style-type: none"> • Triangles • Quadrilaterals • Polygons • Lines of symmetry • Complete a symmetric figure 	<p>Measurement - Money</p> <ul style="list-style-type: none"> • Writing money using decimals • Convert between pounds and pence • Compare amounts of money 	<p>Measurement - Money</p> <ul style="list-style-type: none"> • Estimate with money • Calculate with money • Solve problems with money

Spring 2	Number - Multiplication & Division <ul style="list-style-type: none"> • Divide a 2-digit by a 1-digit number (1) • Divide a 2-digit by a 1-digit number (2) • Divide a 3-digit number by a 1-digit number • Correspondence problems 	Number - Place value <ul style="list-style-type: none"> • Round to nearest 10 • Round to nearest 100 • Round to nearest 1000 • Round to the nearest 10, 100, 1000 	Number - calculations <ul style="list-style-type: none"> • Estimate answers • Checking strategies • Informal written methods for multiplication and division • Multiply a 2-digit number by a 1-digit number 	Geometry <ul style="list-style-type: none"> • Describe position using coordinates • Plot coordinates • Draw 2-shapes on a grid • Translate on a grid • Describe translation on a grid 	Number - Multiplication & Division <ul style="list-style-type: none"> • Factor pairs • Use factor pairs • Multiply by 10 • Multiply by 100 • Divide by 10 • Divide by 100 • Related facts – multiplication and division 	Consolidate and NTS Assessments
Summer 1	Number - Decimals <ul style="list-style-type: none"> • Tenths as fractions • Tenths as decimals • Tenths on a place value chart • Tenths on a number line 	Number - Decimals <ul style="list-style-type: none"> • Divide a 1-digit number by 10 • Divide a 2-digit number by 10 	Number—Decimals <ul style="list-style-type: none"> • Hundredths as fractions • Hundredths as decimals • Hundredths on a place value chart • Divide a 1 or 2 digit number by 100 	Measurement <ul style="list-style-type: none"> • Measure in km and metres • Equivalent lengths (km & m) <li style="text-align: center;">- 	Number- Fractions <ul style="list-style-type: none"> • Add two or more fractions • Add fractions and mixed numbers <li style="text-align: center;">- 	Number – Multiplication and Division <ul style="list-style-type: none"> • Multiply a 3-digit number by a 1 digit number
Summer 2	Number - fractions <ul style="list-style-type: none"> • Subtract two fractions • Subtract from whole amounts • Subtract from mixed numbers 	Measurement - Time <ul style="list-style-type: none"> • Years, months , weeks and days • Hours, minutes and seconds 	Measurement - Time <ul style="list-style-type: none"> • Convert between analogue and digital time • Convert to 24 hour clock Convert from the 24 hour clock 	Decimals <ul style="list-style-type: none"> • Make a whole with tenths • Make a whole with hundredths • Partition decimals • Flexibly partition decimals • Compare decimals • Order decimals • Round to nearest whole number • Halves and quarters as decimals 	Geometry - Angles <ul style="list-style-type: none"> • Understand angle of turns • Identify angles • Compare and order angles 	Consolidate and NTS Assessments