

# Year 4 Mathematics Curriculum

| Autumn 1  | Autumn 2  | Spring 1   | Spring 2   | Summer 1  | Summer 2   |
|---|---|--|--|---|--|
| <p><b><u>Number: Place Value</u></b><br/>Roman Numerals to 100</p> <p>Round to the nearest 10</p> <p>Round to the nearest 100</p> <p>Count in 1,000s 1,000s, 100s, 10s and 1s</p> <p>Partitioning</p> <p>Number line to 10,000</p> <p>1,000 more or less</p> <p>Compare numbers</p> <p>Order numbers</p> <p>Round to the nearest 1,000</p> <p>Count in 25s</p> <p>Negative numbers</p> <p><b><u>Number: Addition and Subtraction</u></b><br/>Add and subtract 1s, 10s, 100s and 1,000s</p> <p>Add two 4-digit numbers – no exchange</p> <p>Add two 4-digit numbers – one exchange</p> | <p><b><u>Measurement: Length and Perimeter</u></b><br/>Kilometres</p> <p>Perimeter on a grid</p> <p>Perimeter of a rectangle</p> <p>Perimeter of rectilinear shapes</p> <p><b><u>Number: Multiplication and Division</u></b><br/>Multiply by 10</p> <p>Multiply by 100</p> <p>Divide by 10</p> <p>Divide by 100</p> <p>Multiply by 1 and 0</p> <p>Divide by 1</p> <p>Multiply and divide by 6</p> <p>6 times table and division facts</p> | <p><b><u>Number: Multiplication and Division</u></b><br/>11 and 12 times-table</p> <p>Multiply 3 numbers</p> <p>Factor pairs</p> <p>Efficient multiplication</p> <p>Written methods</p> <p>Multiply 2-digits by 1-digit</p> <p>Multiply 3-digits by 1-digit</p> <p>Divide 2-digits by 1-digit</p> <p>Correspondence problems</p> <p><b><u>Measurement: Area</u></b><br/>What is area?</p> <p>Counting squares</p> <p>Making shapes</p> <p>Comparing area</p> | <p><b><u>Number: Fractions continued</u></b><br/>Subtract 2 fractions</p> <p>Subtract from whole amounts</p> <p>Calculate fractions of a quantity</p> <p>Problem solving – calculate quantities</p> <p><b><u>Number: Decimals</u></b><br/>Make a whole</p> <p>Write decimals</p> <p>Compare decimals</p> | <p><b><u>Number: Decimals continued</u></b><br/>Order decimals</p> <p>Round decimals</p> <p>Halves and quarters</p> <p><b><u>Measurement: Money</u></b><br/>Pounds and pence</p> <p>Ordering amounts of money</p> <p>Using rounding to estimate money</p> <p>Four operations</p> <p><b><u>Measurement: Time</u></b><br/>Hours, minutes and seconds</p> <p>Years, months, weeks and days</p> <p>Analogue to digital – 12 hour</p> <p>Analogue to digital – 24 hour</p> | <p><b><u>Statistics</u></b><br/>Interpret charts</p> <p>Comparison, sum and difference</p> <p>Introducing line graphs</p> <p>Line graphs</p> <p><b><u>Geometry: Properties of Shape</u></b><br/>Identify angles</p> <p>Compare and order angles</p> <p>Triangles</p> <p>Quadrilaterals</p> <p>Lines of symmetry</p> <p>Complete a symmetric figure</p> <p><b><u>Geometry: Position and Direction</u></b><br/>Describe position</p> <p>Draw on a grid</p> <p>Move on a grid</p> |

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|---|---|--|--|--|--------------------------------------|
| <p>Add two 4-digit numbers – more than one exchange</p> <p>Subtract two 4-digit numbers – no exchange</p> <p>Subtract two 4-digit numbers – one exchange</p> <p>Subtract two 4-digit numbers – more than one exchange</p> <p>Efficient subtraction</p> <p>Estimate answers</p> <p>Checking strategies</p> | <p>Multiply and divide by 9</p> <p>9 times table and division facts</p> <p>Multiply and divide by 7</p> <p>7 times table and division facts</p> | <p><b><u>Number: Fractions</u></b></p> <p>What is a fraction?</p> <p>Equivalent fractions</p> <p>Fractions greater than 1</p> <p>Count in fractions</p> <p>Add 2 or more fractions</p> |  |  | <p>Describe a movement on a grid</p> |
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