

## Year 4 Mathematics Overview 2025-2026

Read in conjunction with the Mathematics Topic Overview Document (which details topic progression across the whole school) this document gives details of the content of each topic covered in Year 4.

**Please note: The detail here is not absolute, some topics may be extended to ensure understanding is secure before moving on to a new topic area.**

| Autumn | Term 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Term 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <p><b><u>Place value</u></b></p> <ul style="list-style-type: none"> <li>Represent numbers to 1000</li> <li>Partition numbers to 1000</li> <li>Number line to 1000</li> <li>Thousands</li> <li>Represent numbers to 10000</li> <li>Partition numbers to 10000</li> <li>Flexible partitioning of numbers to 10000</li> <li>Find 1, 10, 100, 1000 and 10000 more or less</li> <li>Number line to 10000</li> <li>Estimate on a number line to 10000</li> <li>Compare numbers to 10000</li> <li>Order numbers to 10000</li> <li>Roman numerals</li> <li>round to the nearest 10</li> <li>round to the nearest 100</li> <li>round to the nearest 1000</li> <li>round to the nearest 10, 100 or 1000</li> </ul> <p><b><u>Addition and subtraction</u></b></p> <ul style="list-style-type: none"> <li>add and subtract 1s 10s 100s and 1000s</li> <li>add up to two 4-digit numbers no exchange</li> <li>add two 4-digit numbers one exchange</li> <li>add two 4-digit numbers more than one exchange</li> <li>subtract two 4-digit numbers no exchange</li> <li>subtract two 4-digit numbers one exchange</li> <li>subtract two 4-digit numbers more than one exchange</li> <li>efficient subtraction</li> <li>estimate answers</li> <li>checking strategies</li> </ul> | <p><b><u>Area</u></b></p> <ul style="list-style-type: none"> <li>what is area?</li> <li>Count squares</li> <li>Make shapes</li> <li>Compare areas</li> </ul> <p><b><u>Multiplication and division A</u></b></p> <ul style="list-style-type: none"> <li>Multiples of 3</li> <li>Multiply and divide by 6</li> <li>6 times table and division facts</li> <li>Multiply and divide by 9</li> <li>9 times table and division facts</li> <li>The 3,6 and 9 times tables</li> <li>Multiply and divide by 7</li> <li>7 times table and division facts</li> <li>11 times table and division facts</li> <li>12 times table and division facts</li> <li>12 times table and division facts</li> <li>Multiply by 1 and 0</li> <li>Divide a number by 1 and itself</li> <li>Multiply three numbers</li> </ul> <p><b><u>Consolidation</u></b></p> |
| Spring | Term 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Term 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|        | <p><b><u>Multiplication and division B</u></b></p> <ul style="list-style-type: none"> <li>Factor pairs</li> <li>Use factor pairs</li> <li>Multiply by 10</li> <li>Multiply by 100</li> <li>Divide by 10</li> <li>Divide by 100</li> <li>Related facts- multiplication &amp; division</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><b><u>Fractions (continued)</u></b></p> <ul style="list-style-type: none"> <li>add two or more fractions</li> <li>add fractions and mixed numbers</li> <li>subtract two fractions</li> <li>subtract from whole amounts</li> <li>subtract from mixed numbers</li> </ul> <p><b><u>Decimals A</u></b></p> <ul style="list-style-type: none"> <li>tenths as fractions</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <ul style="list-style-type: none"> <li>• Informal written methods for multiplication</li> <li>• Multiply a 2-digit number by a 1-digit number</li> <li>• Multiply a 3-digit number by a 1-digit number</li> <li>• Divide a 2-digit number by a 1-digit number</li> <li>• divide a 3-digit number by a 1-digit number</li> <li>• correspondence problems</li> <li>• efficient multiplication</li> </ul> <p><b><u>Length and perimeter</u></b></p> <ul style="list-style-type: none"> <li>• measure in kilometres and metres</li> <li>• equivalent lengths kilometres and metres</li> <li>• perimeter on a grid</li> <li>• perimeter of a rectangle</li> <li>• perimeter of rectilinear shapes</li> <li>• find missing lengths in rectilinear shapes</li> <li>• calculate the perimeter of rectilinear shapes</li> <li>• perimeter of regular polygons</li> <li>• perimeter of polygons</li> </ul> <p><b><u>Fractions</u></b></p> <ul style="list-style-type: none"> <li>• understand the whole</li> <li>• count beyond 1</li> <li>• partition a mixed number</li> <li>• number lines with mixed numbers</li> <li>• compare and order mixed numbers</li> <li>• understand improper fractions</li> <li>• convert mixed numbers to improper fractions</li> <li>• convert improper fractions to mixed numbers</li> <li>• equivalent fraction families</li> </ul> | <ul style="list-style-type: none"> <li>• tenths as decimals</li> <li>• tenths on a place value chart</li> <li>• tenths on a number line</li> <li>• divide a 1-digit number by 10</li> <li>• divide a 2-digit number by 10</li> <li>• hundredths as fractions</li> <li>• hundredths as decimals</li> <li>• hundreds on a place value chart</li> <li>• divide a 1 or 2-digit number by 100</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  |
| Summer | <p><b>Term 5</b></p> <p><b><u>Decimals B</u></b></p> <ul style="list-style-type: none"> <li>• make a whole with tenths</li> <li>• make a whole with hundredths</li> <li>• partition decimals</li> <li>• flexibly partition decimals</li> <li>• compare decimals</li> <li>• order decimals</li> <li>• round to the nearest whole number</li> <li>• halves and quarters as decimals</li> </ul> <p><b><u>Money</u></b></p> <ul style="list-style-type: none"> <li>• write money using decimals</li> <li>• convert between pounds and pence</li> <li>• compare amounts of money</li> <li>• estimate with money</li> <li>• calculate with money</li> <li>• solve problems with money</li> </ul> <p><b><u>Time</u></b></p> <ul style="list-style-type: none"> <li>• years, months, weeks and days</li> <li>• hours, minutes and seconds</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p><b>Term 6</b></p> <p><b><u>Shape</u></b></p> <ul style="list-style-type: none"> <li>• understand angles as turns</li> <li>• identify angles</li> <li>• compare and order angles</li> <li>• triangles</li> <li>• quadrilaterals</li> <li>• polygons</li> <li>• lines of symmetry</li> <li>• complete a symmetric figure</li> </ul> <p><b><u>Statistics</u></b></p> <ul style="list-style-type: none"> <li>• interpret charts</li> <li>• comparison, sum and difference</li> <li>• interpret line graphs</li> <li>• draw line graphs</li> </ul> <p><b><u>Position and direction</u></b></p> <ul style="list-style-type: none"> <li>• describe position using co-ordinates</li> <li>• plot coordinates</li> <li>• draw 2D shapes on a grid</li> <li>• translate on a grid</li> </ul> |

|  |                                                                                                                                                                                                               |                                                                                  |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"><li>• convert between analogue and digital times</li><li>• convert to the 24hour clock</li><li>• convert from the 24hour clock</li></ul> <p><b><u>Consolidation</u></b></p> | <ul style="list-style-type: none"><li>• describe translation on a grid</li></ul> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|