

## Fleckney Primary School - Maths Yearly Overview - Year 4

|        | Week 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Week 2 | Week 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Week 4 | Week 5                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Week 6    | Week 7                                                                                                                                                                                                                                                            | Week 8    | Week 9                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Week 10                  | Week 11                                                                                                                                                                                                                                                      | Week 12           | Week 13           | Week 14                                                                                                                                                                                                                                                                                                                                                        | Week 15 | Week 16 | Week 17 |
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| Autumn | <b>Place Value:</b><br>Represent numbers to 1,000<br>Partition numbers to 1,000<br>Number line to 1,000<br>Thousands<br>Represent numbers to 10,000<br>Partition numbers to 10,000<br>Flexible partitioning of numbers to 10,000<br>Find 1, 10, 100, 1,000 more or less<br>Number line to 10,000<br>Estimate on a number line to 10,000<br>Compare numbers to 10,000<br>Order numbers to 10,000<br>Roman numerals<br>Round to the nearest 10<br>Round to the nearest 100<br>Round to the nearest 1,000 |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        | <b>Number: Addition and subtraction</b><br>Add and subtract 1s, 10s, 100s and 1,000s<br>Add up to two 4-digit numbers – no exchange<br>Add two 4-digit numbers – one exchange<br>Add two 4-digit numbers – more than one exchange<br>Subtract two 4-digit numbers – no exchange<br>Subtract two 4-digit numbers – one exchange<br>Subtract two 4-digit numbers – more than one exchange<br>Efficient subtraction<br>Estimate answers<br>Checking strategies |           | <b>Measurement : Area</b><br><br>What is area?<br><br>Count squares.<br><br>Make shapes.<br><br>Compare areas.                                                                                                                                                    | HALF TERM | <b>Number: Multiplication and division A</b><br>Multiples of 3.<br>Multiply and divide by 6.<br>6 times-table and division facts.<br>Multiply and divide by 9.<br>9 times-table and division facts.<br>The 3, 6 and 9 times-tables.<br>Multiply and divide by .7<br>7 times-table and division facts.<br>11 times-table and division facts 12 times-table and division facts.<br>Multiply by 1 and 0.<br>Divide a number by 1 and itself.<br>Multiply three numbers. |                          | <b>Number: Multiplication and Division B</b><br>Factor pairs.<br>Use factor pairs.<br>Multiply by 10.<br>Multiply by 100.<br>Divide by 10.<br>Divide by 100.<br>Related facts – multiplication and division.<br>Informal written methods for multiplication. | <b>Assessment</b> | <b>DT project</b> |                                                                                                                                                                                                                                                                                                                                                                |         |         |         |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |                                                                                                                                                                                                                                                                   |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                                                                                                                                                                                                                                              |                   |                   | <b>Multiplication and Division B Cont...</b><br>Multiply a 2-digit number by a 1-digit number.<br>Multiply a 3-digit number by a 1-digit number.<br>Divide a 2-digit number by a 1-digit number (1)<br>Divide a 2-digit number by a 1-digit number (2)<br>Divide a 3-digit number by a 1-digit number.<br>Correspondence problems<br>Efficient multiplication. |         |         |         |
| Spring | <b>Measurement: Length and Perimeter</b><br>Measure in kilometres and metres.<br>Equivalent lengths (kilometres and metres)<br>Perimeter on a grid.<br>Perimeter of a rectangle.<br>Perimeter of rectilinear shapes<br>Find missing lengths in rectilinear shapes.<br>Calculate perimeter of rectilinear shapes.<br>Perimeter of regular polygon.                                                                                                                                                      |        | <b>Number: Fractions</b><br>Understand the whole.<br>Count beyond 1.<br>Partition a mixed number.<br>Number lines with mixed numbers.<br>Compare and order mixed numbers.<br>Understand improper fractions.<br>Convert mixed numbers to improper fractions.<br>Convert improper fractions to mixed numbers.<br>Equivalent fractions on a number line.<br>Equivalent fraction families.<br>Add two or more fractions.<br>Add fractions and mixed numbers.<br>Subtract two fractions.<br>Subtract from whole amount. |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HALF TERM | <b>Number: Decimals A</b><br>Tenths as fractions.<br>Tenths as decimals.<br>Tenths on a place value chart.<br>Tenths on a number line.<br>Divide a 1-digit number by 10.<br>Divide a 2-digit number by 10.<br>Hundredths as fractions.<br>Hundredths as decimals. |           | <b>DT Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Edale residential</b> |                                                                                                                                                                                                                                                              |                   |                   |                                                                                                                                                                                                                                                                                                                                                                |         |         |         |
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| Summer | <b>Number: Decimals B</b><br>Make a whole with tenths.<br>Make a whole with hundredths.<br>Partition decimals.<br>Flexibly partition decimals.<br>Compare decimals.<br>Order decimals.<br>Round to the nearest whole number.<br>Halves and quarters as decimals. | <b>Measurement: Money</b><br>Write money using decimals.<br>Convert between pounds and pence.<br>Compare amounts of money.<br>Estimate with money.<br>Calculate with money.<br>Solve problems with money. | <b>Measurement: Time</b><br>Years, months, weeks and days.<br>Hours, minutes and seconds.<br>Convert between analogue and digital times.<br>Convert to the 24-hour clock.<br>Convert from the 24-hour clock. | <b>Consolidation</b> | HALF TERM | <b>Geometry: Shape</b><br>Understand angles as turns.<br>Identify angles.<br>Compare and order angles.<br>Triangles.<br>Quadrilaterals.<br>Polygons.<br>Lines of symmetry.<br>Complete a symmetric figure. | <b>Statistics</b><br>Interpret charts.<br><br>Comparison, sum and difference.<br><br>Interpret line graphs.<br><br>Draw line graph | <b>Geometry: Position and Direction:</b><br><br>Describe position using coordinates.<br><br>Plot coordinates.<br><br>Draw 2-D shapes on a grid.<br><br>Translate on a grid.<br><br>Describe translation on a grid. | <b>DT Project</b> | <b>Consolidation</b> |
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