

# Year 3 – Yearly Overview

|        | Week 1                               | Week 2 | Week 3 | Week 4                            | Week 5     | Week 6                            | Week 7 | Week 8                               | Week 9             | Week 10 | Week 11       | Week 12 |
|--------|--------------------------------------|--------|--------|-----------------------------------|------------|-----------------------------------|--------|--------------------------------------|--------------------|---------|---------------|---------|
| Autumn | Number – Place Value                 |        |        | Number – Addition and Subtraction |            |                                   |        | Number – Multiplication and Division |                    |         | Consolidation |         |
| Spring | Number - Multiplication and Division |        |        | Measurement: Money                | Statistics | Measurement: length and perimeter |        |                                      | Number - Fractions |         | Consolidation |         |
| Summer | Number – fractions                   |        |        | Measurement: Time                 |            | Geometry – Properties of Shapes   |        | Measurement: Mass and Capacity       |                    |         | Consolidation |         |

# Year 3 – Autumn Term

| Week 1   | Week 2 | Week 3 | Week 4  | Week 5 | Week 6 | Week 7 | Week 8 | Week 9   | Week 10 | Week 11 | Week 12 |
|--|--------|--------|---|--------|--------|--------|--------|--|---------|---------|---------|
| <p><u>Number – Place Value</u><br/>Identify, represent and estimate numbers using different representations.</p> <p>Find 10 or 100 more or less than a given number</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).</p> <p>Compare and order numbers up to 1000</p> <p>Read and write numbers up to 1000 in numerals and in words.</p> <p>Solve number problems and practical problems involving these ideas.</p> <p><u>Count from 0 in multiples of 4, 8, 50 and 100</u></p> |        |        | <p><u>Number – Addition and Subtraction</u><br/>Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds.</p> <p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers.</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> |        |        |        |        | <p><u>Number – Multiplication and Division</u><br/><u>Count from 0 in multiples of 4, 8, 50 and 100</u></p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p> <p><u>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know</u>, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objectives.</p> |         |         |         |

# Year 3 – Spring Term

| Week 1  | Week 2 | Week 3 | Week 4  | Week 5  | Week 6 | Week 7   | Week 8 | Week 9   | Week 10 | Week 11                | Week 12 |
|---|--------|--------|---|---|--------|--|--------|--|---------|------------------------|---------|
| <p><u>Number – multiplication and division</u><br/>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objectives.</p> |        |        | <p><u>Measurement – money</u><br/>Add and subtract amounts of money to give change, using both £ and p in practical contexts.</p> | <p><u>Statistics</u><br/>Interpret and present data using bar charts, pictograms and tables.</p> <p>Solve one-step and two-step questions [for example, ‘How many more?’ and ‘How many fewer?’] using information presented in scaled bar charts and pictograms and tables.</p> |        | <p><u>Measurement – length and perimeter</u></p> <p><b>Measure, compare, add and subtract: lengths (m/cm/mm);</b> mass (kg/g); volume/capacity (l/ml).</p> <p>Measure the perimeter of simple 2D shapes.</p> |        | <p><u>Number – fractions</u><br/>Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>Solve problems that involve all of the above.</p> |         | <h2>Consolidation</h2> |         |

# Year 3 – Summer Term

| Week 1  | Week 2 | Week 3 | Week 4  | Week 5 | Week 6 | Week 7  | Week 8 | Week 9  | Week 10 | Week 11 | Week 12                |  |
|---|--------|--------|---|--------|--------|---|--------|---|---------|---------|------------------------|--|
| <p><u>Number – fractions</u><br/>Recognise and show, using diagrams, equivalent fractions with small denominators.</p> <p>Compare and order unit fractions, and fractions with the same denominators.</p> <p>Add and subtract fractions with the same denominator within one whole [for example, <math>\frac{5}{7} + \frac{1}{7} = \frac{6}{7}</math>]</p> <p>Solve problems that involve all of the above.</p> |        |        | <p><u>Measurement – time</u><br/>Tell and write the time from an analogue clock, including using Roman numerals from I to XII and 12-hour and 24-hour clocks.</p> <p>Estimate and read time with increasing accuracy to the nearest minute.</p> <p>Record and compare time in terms of seconds, minutes and hours.</p> <p>Use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year.</p> <p>Compare durations of events [for example to calculate the time taken by particular events or tasks].</p> |        |        | <p><u>Geometry – properties of shape</u><br/>Recognise angles as a property of shape or a description of a turn.</p> <p>Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p> <p>Draw 2-D shapes and make 3-D shapes using modelling materials.</p> <p>Recognise 3-D shapes in different orientations and describe them.</p> |        | <p><u>Measurement – mass and capacity</u><br/><b>Measure, compare, add and subtract:</b> lengths (m/cm/mm); <b>mass (kg/g); volume/capacity (l/ml).</b></p> |         |         | <h2>Consolidation</h2> |  |