

## YEAR 3 – End of Year Targets

| <b>Number and Place Value</b>   | <b>Term<br/>1</b> | <b>2</b> | <b>3</b> |
|---|-------------------|----------|----------|
| Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number  | ✓                 |          |          |
| Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)   | ✓                 |          |          |
| Compare and order numbers up to 1,000   | ✓                 |          |          |
| Identify, represent and estimate numbers using different representations  | ✓                 |          |          |
| Read and write numbers up to 1,000 in numerals and in words   | ✓                 |          |          |
| Solve number problems and practical problems involving these ideas  | ✓                 |          |          |
| <b>Addition and Subtraction</b>   | <b>1</b>          | <b>2</b> | <b>3</b> |
| Add and subtract numbers mentally, including: <ul style="list-style-type: none"> <li>• a three-digit number and 1s</li> <li>• a three-digit number and 10s</li> <li>• a three-digit number and 100s</li> </ul>                              | ✓                 |          |          |
| Addition using formal written methods for <ul style="list-style-type: none"> <li>• HTU + TU</li> <li>• HTU + HTU</li> </ul>   | ✓                 |          |          |
| Subtraction using formal written methods for <ul style="list-style-type: none"> <li>• HTU – TU</li> <li>• HTU – HTU</li> </ul>  | ✓                 |          |          |
| Estimate the answer to a calculation and use inverse operations to check answers  | ✓                 |          |          |
| Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction   | ✓                 |          |          |
| <b>Multiplication and Division</b>  | <b>1</b>          | <b>2</b> | <b>3</b> |
| Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables   |                   |          |          |
| Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods | ✓                 |          |          |
| Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects                             |                   |          |          |
| <b>Fractions</b>  | <b>1</b>          | <b>2</b> | <b>3</b> |
| 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  | ✓                 |          |          |
| Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators   | ✓                 |          |          |
| Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators   | ✓                 |          |          |
| Recognise and show, using diagrams, equivalent fractions with small denominators  | ✓                 |          |          |
| Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$ ]   | ✓                 |          |          |
| Compare and order unit fractions, and fractions with the same denominators  |                   |          |          |
| Solve problems that involve all of the above  |                   |          |          |
| <b>Measurement</b>  | <b>1</b>          | <b>2</b> | <b>3</b> |
| Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)  | ✓                 |          |          |
| Add and subtract amounts of money to give change, using both £ and p in practical contexts  |                   |          |          |
| Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks  | ✓                 |          |          |
| Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight                         | ✓                 |          |          |
| Know the number of seconds in a minute and the number of days in each month, year and leap year   |                   |          |          |
| Compare durations of events [for example, to calculate the time taken by particular events or tasks]  |                   |          |          |
| Measure the perimeter of simple 2-D shapes  | ✓                 |          |          |
| <b>Properties of Shape</b>  | <b>1</b>          | <b>2</b> | <b>3</b> |
| Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them   | ✓                 |          |          |
| Recognise angles as a property of shape or a description of a turn  | ✓                 |          |          |
| Identify horizontal and vertical lines and pairs of perpendicular and parallel lines  |                   |          |          |
| <b>Statistics</b>   | <b>1</b>          | <b>2</b> | <b>3</b> |
| Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs  |                   |          |          |
| Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs  | ✓                 |          |          |