

# Year 3 Maths Overview 2023-2024

## Year 3 Autumn Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>
<b>Number- Number and Place Value</b>  I can count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	<b>Number- Number and Place Value</b>  I can recognise the place value of each digit in a 3-digit number (100s, 10s, 1s).  I can compare and order numbers up to 1,000.	<b>Number- Number and Place Value</b>  I can identify, represent and estimate numbers using different representations.  I can read and write numbers up to 1,000 in numerals and in words.  I can solve number problems and practical problems involving these ideas.	<b>Number- Addition and Subtraction</b>  I can add numbers mentally, including: a three-digit number and 1s;  a three-digit number and 10s;  a three-digit number and 100s.  I can add numbers with up to 3 digits, using the formal written method of column addition.	<b>Assessment Week</b>	<b>Number- Addition and Subtraction</b>  I can subtract numbers mentally, including: three-digit number and 1s;  a three-digit number and 10s;  a three-digit number and 100s.	<b>Number- Addition and Subtraction</b>  I can subtract numbers with up to 3 digits, using the formal written method of columnar subtraction.

## Year 3 Autumn Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
<p><b>Number- Addition and Subtraction</b></p> <p>I can estimate the answer to a calculation and use inverse operations to check answers.</p> <p>I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p>	<p><b>Geometry-properties of shapes</b></p> <p>I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.</p>	<p><b>Geometry-properties of shapes</b></p> <p>I can recognise angles as a property of shape or a description of a turn.</p>	<p><b>Geometry-properties of shapes</b></p> <p>I can identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle.</p> <p>I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines</p>	<p><b>Number-Multiplication and Division</b></p> <p>I can recall and use multiplication and division facts for the 3, 4 and 8 x tables (within 6 seconds).</p> <p>I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>I can 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> objects.</p>	<p><b>Assessment week</b></p>	<p><b>Measurement</b></p> <p>I can 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><b>Measurement</b></p> <p>I can know the number of seconds in a minute and the number of days in each month, year and leap year.</p> <p>I can compare durations of events [for example, to calculate the time taken by particular events or tasks].</p>

## Year 3 Spring Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>
<p><b>Statistics</b></p> <p>I can interpret and present data using bar charts, pictograms and tables.</p> <p>I can 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><b>Number- Fractions</b></p> <p>I can 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>I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p>I can recognise and show, using diagrams, equivalent fractions with small denominators.</p>	<p><b>Number- Fractions</b></p> <p>I can add and subtract fractions with the same denominator within one whole [for example, + =].</p> <p>I can compare and order unit fractions, and fractions with the same denominators.</p> <p>I can solve problems that involve all of the above.</p>	<p><b>Assessment week</b></p>	<p><b>Number- Number and Place Value</b></p> <p>I can recognise the place value of each digit in a 3-digit number (100s, 10s, 1s).</p> <p>I can compare and order numbers up to 1,000.</p> <p>I can identify, represent and estimate numbers using different representations.</p> <p>I can read and write numbers up to 1,000 in numerals and in words.</p> <p>I can solve number problems and practical problems involving these ideas.</p>	<p><b>Measurement</b></p> <p>I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).</p>

## Year 3 Spring Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>
<p><b>Measurement</b></p> <p>I can measure the perimeter of simple 2-D shapes.</p>	<p><b>Number- Multiplication and Division</b></p> <p>I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables (within 6 seconds).</p> <p>I can 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> objects.</p> <p>I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p>	<p><b>Measurement</b></p> <p>I can 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.</p>	<p><b>Assessment week</b></p>	<p><b>Geometry- Properties of Shapes</b></p> <p>I can recognise angles as a property of shape or a description of a turn.</p> <p>I can identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle.</p>

## Year 3 Summer Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>
<p><b>Measurement</b></p> <p>I can add and subtract amounts of money to give change, using both £ and p in practical contexts.</p>	<p><b>Number- Addition and Subtraction</b></p> <p>I can add numbers mentally, including: a three-digit number and 1s;</p> <p>a three-digit number and 10s;</p> <p>a three-digit number and 100s.</p> <p>I can add numbers with up to 3 digits, using the formal written method of column addition.</p>	<p><b>Number- Addition and Subtraction</b></p> <p>I can subtract numbers mentally, including: three-digit number and 1s;</p> <p>a three-digit number and 10s;</p> <p>a three-digit number and 100s.</p>	<p><b>Assessment week</b></p>	<p><b>Number- Multiplication and Division</b></p> <p>I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables (within 6 seconds).</p> <p>I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>I can 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.</p>	<p><b>Geometry- Properties of Shapes</b></p> <p>I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.</p>

## Year 3 Summer Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>
<p><b>Number- Addition and Subtraction</b></p> <p>I can add numbers with up to 3 digits, using the formal written method of columnar addition.</p> <p>I can subtract numbers with up to 3 digits, using the formal written method of columnar subtraction.</p> <p>I can estimate the answer to a calculation and use inverse operations to check answers.</p> <p>I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</p>	<p><b>Measurement</b></p> <p>I can add and subtract amounts of money to give change, using both £ and p in practical contexts.</p>	<p><b>Number- Fractions</b></p> <p>I can 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>I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.</p> <p>I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</p> <p>I can recognise and show, using diagrams, equivalent fractions with small denominators.</p>	<p><b>Number- Number and Place Value</b></p> <p>I can count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.</p> <p>I can compare and order numbers up to 1,000.</p> <p>I can recognise the place value of each digit in a 3-digit number (100s, 10s, 1s).</p> <p>I can identify, represent and estimate numbers using different representations.</p> <p>I can read and write numbers up to 1,000 in numerals and in words.</p> <p>I can solve number problems and practical problems involving these ideas.</p>	<p><b>Statistics</b></p> <p>I can interpret and present data using bar charts, pictograms and tables.</p> <p>I can 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><b>Number- Multiplication and Division</b></p> <p>I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables (within 6 seconds).</p> <p>I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>I can 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.</p>	<p><b>Number- Multiplication and Division</b></p> <p>I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables (within 6 seconds).</p> <p>I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>I can 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</p>