

Year 4 – 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 | | | Measurement - Length and Perimeter | Number- Multiplication and Division | | | Consolidation |
| Spring | Number- Multiplication and Division | | | Measurement - Area | Fractions | | | | Decimals | | | Consolidation |
| Summer | Decimals | | Measurement- Money | | Time | Statistics | | Geometry- Properties of Shape | | Geometry- Position and Direction | | Consolidation |

Year 4 – 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></p> <p><u>Count in multiples of 6, 7, 9, 25 and 1000.</u></p> <p>Find 1000 more or less than a given number.</p> <p>Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones)</p> <p>Order and compare numbers beyond 1000</p> <p>Identify, represent and estimate numbers using different representations.</p> <p>Round any number to the nearest 10, 100 or 1000</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p>Count backwards through zero to include negative numbers.</p> <p>Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.</p> | | | | <p><u>Number- Addition and Subtraction</u></p> <p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</p> <p>Estimate and use inverse operations to check answers to a calculation.</p> <p>Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.</p> | | | <p><u>Measurement: Length and Perimeter</u></p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p> <p>Convert between different units of measure [for example, kilometre to metre]</p> | | <p><u>Number – Multiplication and Division</u></p> <p>Recall and use multiplication and division facts for multiplication tables up to 12×12.</p> <p><u>Count in multiples of 6, 7, 9, 25 and 1000</u></p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</p> <p><u>Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit,</u> integer scaling problems and harder correspondence problems such as n objects are connected to m objects.</p> | | | | <p>Consolidation</p> |

Year 4 – 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>Number – multiplication and division Recall and use multiplication and division facts for multiplication tables up to 12×12.</p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</p> <p>Recognise and use factor pairs and commutativity in mental calculations.</p> <p>Multiply two digit and three digit numbers by a one digit number using formal written layout.</p> <p>Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.</p> | | | <p>Measurement- Area Find the area of rectilinear shapes by counting squares.</p> | <p>Fractions Recognise and show, using diagrams, families of common equivalent fractions.</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</p> <p>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</p> <p>Add and subtract fractions with the same denominator.</p> | | | | <p>Decimals Recognise and write decimal equivalents of any number of tenths or hundredths.</p> <p>Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> <p><u>Solve simple measure and money problems involving fractions and decimals to two decimal places.</u></p> <p>Convert between different units of measure [for example, kilometre to metre]</p> | | | <p>Consolidation</p> |

Year 4 – 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>Decimals</u> Compare numbers with the same number of decimal places up to two decimal places.</p> <p>Round decimals with one decimal place to the nearest whole number.</p> <p>Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$</p> <p>Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> | | <p><u>Measurement- Money</u> Estimate, compare and calculate different measures, including money in pounds and pence.</p> <p>Solve simple measure and money problems involving fractions and decimals to two decimal places.</p> | | <p><u>Time</u> Convert between different units of measure [for example, kilometre to metre; hour to minute]</p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks.</p> <p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</p> | | <p><u>Statistics</u> Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</p> <p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p> | | <p><u>Geometry: Properties of shape</u> Identify acute and obtuse angles and compare and order angles up to two right angles by size.</p> <p>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</p> <p>Identify lines of symmetry in 2-D shapes presented in different orientations.</p> <p>Complete a simple symmetric figure with respect to a specific line of symmetry.</p> | | <p><u>Geometry- Position and Direction</u> Describe positions on a 2-D grid as coordinates in the first quadrant.</p> <p>Plot specified points and draw sides to complete a given polygon.</p> <p>Describe movements between positions as translations of a given unit to the left/ right and up/ down.</p> | | Consolidation |