



Maths Framework – Year 4

	Autumn	Spring	Summer
	<p><b>Number: Place value</b>                      I can find 1, 10, 100 and 1000 more or less than a given number.</p> <p>I can recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, ones).</p> <p>I can compare and order numbers beyond 1000.</p> <p>I can round numbers to the nearest 10, 100 or 1000.</p> <p>I can count backwards through zero to include negative numbers.</p>	<p><b>Number: Multiplication and Division</b>                      I can recall and use multiplication and division facts for multiplication tables up to 12 x 12.</p> <p>I can recognise and use factor pairs and commutativity in mental calculations.</p> <p>I can multiply two-digit and three-digit numbers by a one-digit number using a formal written layout.</p> <p>I can solve problems involving multiplying and adding, including: using the distributive law to multiply two-digit numbers by one-digit, integer scaling problems and correspondence problems.</p>	<p><b>Number: Decimals</b>                      I can compare numbers with the same number of decimal places up to two decimal places.</p> <p>I can round decimals with one decimal place to the nearest whole number.</p> <p>I can write decimal equivalents for <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math>.</p>

	<p><b>Number: Addition and Subtraction</b></p> <p>I can add and subtract numbers with up to four digits, using formal written methods of column addition and subtraction.</p> <p>I can add and subtract numbers with up to four digits, using formal written methods of column addition and subtraction with exchange in ones, tens or hundreds.</p> <p>I can estimate the answer to a calculation and use the inverse operation to check answers.</p> <p>I can solve addition and subtraction two-step problems in context, deciding which operations and methods to use.</p>	<p><b>Number: Fractions</b> I can recognise and show families of common equivalent fractions (using diagrams).</p> <p>I can count up and down in hundredths; recognising that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</p> <p>I can calculate quantities from fractions.</p> <p>I can use fractions to divide quantities (including non-unit fractions where the answer is a whole number).</p> <p>I can add and subtract fractions with the same denominator.</p>	<p><b>Statistics</b></p> <p>I can interpret and present discrete and continuous data using the appropriate method including bar charts and time graphs.</p> <p>I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and line graphs.</p>
	<p><b>Number: Multiplication and Division</b></p> <p>I can count in multiples of 6, 7, 9, 25 and 1000.</p> <p>I can recall and use multiplication and division facts for the 6, 9 and 7 multiplication tables.</p> <p>I can 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><b>Number: Decimals</b></p> <p>I can recognise and write decimal equivalents of any number of tenths or hundredths.</p> <p>I can divide a one or two-digit number by ten or one hundred and identify the answer as ones, tenths and hundredths.</p>	<p><b>Geometry: Properties of Shapes</b></p> <p>I can identify acute and obtuse angles and compare and order angles, including right angles, by size.</p> <p>I can compare and classify geometric shapes (including quadrilaterals and triangles) based on their properties and sizes.</p> <p>I can complete a simple symmetric figure.</p>
	<p><b>Measurement: Length and Perimeter</b></p> <p>I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.</p> <p>I can convert between different units of measure (for example, kilometres to metres).</p>	<p><b>Measurement: Area</b></p> <p>I can find the area of rectilinear shapes by counting squares.</p>	<p><b>Geometry: Position and Direction</b></p> <p>I can describe position on a 2D grid as coordinates.</p> <p>I can plot points and draw sides to complete polygons.</p> <p>I can describe movement between positions as translations of a given unit to the left/right and up/down.</p>

			<p><b>Measurement: Money</b></p> <p>I can estimate, compare and calculate using money in pounds and pence.</p> <p>I can solve simple money problems using decimals to two decimal places.</p>
			<p><b>Measurement: Time</b></p> <p>I can read, write and convert time between analogue and digital 12 and 24-hour clocks.</p> <p>I can solve problems involving converting from: hours to minutes; minutes to seconds; years to months; weeks to days.</p>