

	Autumn 1 1.1 (7 weeks)	Autumn 2 1.2 (7.5 weeks)	Spring 1 2.1 (5 weeks)	Spring 2 2.2 (6 weeks)	Summer 1 3.1 (6 weeks)	Summer 2 3.2 (6.5 weeks)
Week 1	<p style="text-align: center;">Number – Place Value</p> <p>NC Objectives: Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals</p> <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000</p> <p>Maths meeting: Counting – Multiples of 25 Calculation – times tables Negative numbers Converting time between analogue and digital.</p>	<p style="text-align: center;">Number – Multiplication & Division</p> <p>NC Objectives: Multiply and divide wholes numbers by 10, 100 and 1000s</p> <p>Maths meeting: Counting – Multiples of 6 Calculation – times tables Prime numbers Properties of 2D shapes</p>	<p style="text-align: center;">Number – Fractions</p> <p>NC Objectives: Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</p> <p>Maths meeting: Counting - backwards through zero to negative numbers Calculation – times tables Equivalent fractions</p>	<p style="text-align: center;">Number – Decimals & Percentages</p> <p>NC Objectives: Recognise the per cent symbol (%) and understand that per cent relates to ‘number of parts per 100’, and write percentages as a fraction with denominator 100, and as a decimal fraction.</p> <p>Maths meeting: Counting – in 10s and 100s up to 1,000,000 Calculation – times tables Decimal and fraction equivalents</p>	<p style="text-align: center;">Geometry: Properties of Shape</p> <p>NC Objectives: Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles.</p> <p>Draw given angles, and measure them in degrees.</p> <p>Maths meeting: Counting – in fractions Calculation – times tables 2D shape properties</p>	<p style="text-align: center;">Number – Decimals</p> <p>NC Objectives: Solve problems involving number up to 3 decimal places</p> <p>Maths meeting: Counting – relating to volume and measurement Calculation – times tables Money reasoning and problems</p>
Week 2	<p style="text-align: center;">Number – Place Value</p> <p>NC Objectives: Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit</p>	<p style="text-align: center;">Number – Fractions</p> <p>NC Objectives: Identify, name and write equivalent fractions</p> <p>Maths meeting: Counting – Multiples of 7 Calculation – times tables</p>	<p style="text-align: center;">Number – Fractions</p> <p>NC Objectives: Solve problems involving multiplication and division, including scaling by simple fractions and</p>	<p style="text-align: center;">Number – Decimals & Percentages Money</p> <p>NC Objectives: Estimate compare and calculate, different measures including pounds and pence</p>	<p style="text-align: center;">Geometry: Properties of Shape</p> <p>NC Objectives: Identify: angles at a point and one whole turn (total 360°), angles at a point on</p>	<p style="text-align: center;">Number – Decimals</p> <p>NC Objectives: Solve problems involving number up to 3 decimal places</p>

	<p>Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000</p> <p>Maths meeting:</p> <p>Counting – Multiples of 50 Calculation – times tables Addition and subtraction up to 4 dig Converting time between analogue and digital.</p>	<p>Factors and multiples 1, 10, 100, 1000 more or less.</p> <p>Maths meeting: Counting - backwards through zero to negative numbers Calculation – times tables Equivalent fractions</p>	<p>problems involving simple rates.</p> <p>Maths meeting: Counting – in decimals (and equivalents) Calculation – times tables Money (value and change) Rounding with 2.dp linked to money.</p>	<p>Solve simple measure and money problems involving fractions and decimals to two decimal places. (adding and subtracting decimals)</p> <p>Maths meeting: Counting – in decimals (and equivalents) Calculation – times tables Money (value and change) Rounding with 2.dp linked to money.</p>	<p>a straight line and $\frac{1}{2}$ a turn (total 180°) other multiples of 90°</p> <p>Use the properties of rectangles to deduce related facts and find missing lengths and angles.</p> <p>Maths meeting: Counting – in fractions Calculation – times tables Addition and subtraction with decimals</p>	<p>Maths meeting: Counting – relating to volume and measurement Calculation – times tables Angles</p>
<p>Week 3</p>	<p>Number – Place Value</p> <p>NC Objectives: Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000 (using rounding to estimate 2/3dig)</p> <p>Solve number problems and practical problems that involve all of the above</p> <p>Maths meeting: Counting – Multiples of 100 Calculation – times tables Addition and subtraction up to 4 dig</p>	<p>Number – Fractions</p> <p>NC Objectives: Recognise mixed numbers and improper fractions and convert between them and write greater than and less than.</p> <p>Maths meeting: Counting – Multiples of 8 Calculation – times tables Factors and multiples including common multiples of 2 numbers.</p>	<p>Number – Decimals & Percentages</p> <p>NC Objectives: Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>Read and write decimal numbers as fractions [for example $0.71 = \frac{71}{100}$]</p> <p>Maths meeting: Counting - backwards through zero to negative numbers</p>	<p>Measurement – Area & Perimeter</p> <p>NC Objectives: Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</p> <p>Maths meeting: Counting – in decimals (and equivalents) Calculation – times tables Multiplication and division 3D shapes</p>	<p>Geometry: Properties of Shape</p> <p>NC Objectives: Use the properties of rectangles to deduce related facts and find missing lengths and angles.</p> <p>Identify 3-D shapes, including cubes and other cuboids, from 2-D representations.</p> <p>Distinguish between regular and irregular polygons based on reasoning about</p>	<p>Number – Negative Numbers</p> <p>NC Objectives: Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0</p> <p>Maths meeting: Counting – relating to volume and measurement Calculation – times tables Roman Numerals</p>

			Calculation – times tables Mixed to improper		equal sides and angles. Maths meeting: Counting – in fractions Calculation – times tables Quadrilaterals	
Week 4	Number – Addition and Subtraction <u>NC Objectives:</u> Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Maths meeting: Counting – Multiples of 1000 Calculation – times tables 10, 100, 1000 more or less	Number – Fractions <u>NC Objectives:</u> Compare and order fractions whose denominators are all multiples of the same number Maths meeting: Counting – Multiples of 9 Calculation – times tables Common multiples	Number – Decimals & Percentages <u>NC Objectives:</u> Read, write, order and compare numbers with up to 3 decimal places Maths meeting: Counting - backwards through zero to negative numbers Calculation – times tables Place value Rounding any number up to 1,000,000 to nearest 10, 100, 1000 & 10,000 <u>PUMA test.</u>	Measurement – Area & Perimeter <u>NC Objectives:</u> Calculate and compare the area of rectangles (including squares) including using standard units, square centimetres (cm ²) and square metres (m ²) and estimate the area of irregular shapes Maths meeting: Counting – in decimals (and equivalents) Calculation – times tables Multiplication and division 3D shapes – nets	Geometry: Position & Direction <u>NC Objectives:</u> Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed Maths meeting: Counting – in fractions Calculation – times tables Triangles	Measurement: Converting Units <u>NC Objectives:</u> Convert between different units of metric measure [for example, km and m; cm and m; cm and mm; g and kg; l and ml] Maths meeting: Counting – relating to volume and measurement Calculation – times tables Negative numbers <u>PUMA test.</u>

<p>Week 5</p>	<p>Number – Addition and Subtraction</p> <p><u>NC Objectives:</u></p> <p>Add and subtract numbers mentally with increasingly large numbers</p> <p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</p> <p>Maths meeting:</p> <p>Counting in multiples of 25, 50, 100 and 1000</p> <p>Calculation – times tables 10, 100, 1000 more or less</p>	<p>Number – Fractions</p> <p><u>NC Objectives:</u></p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number</p> <p>Maths meeting:</p> <p>Counting – Multiples of 6,7, 8 & 9</p> <p>Counting – Multiples of 9</p> <p>Calculation – times tables</p> <p>Common multiples</p>	<p>Number – Decimals & Percentages</p> <p><u>NC Objectives:</u></p> <p>Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place</p> <p>Maths meeting:</p> <p>Counting - backwards through zero to negative numbers</p> <p>Calculation – times tables</p> <p>Rounding any number up to 1,000,000 to nearest 10, 100, 1000 & 10,000</p>	<p>Statistics</p> <p><u>NC Objectives:</u></p> <p>Complete, read and interpret information in tables, including timetables.</p> <p>Maths meeting:</p> <p>Counting – in decimals (and equivalents)</p> <p>Calculation – times tables</p> <p>Days in a week, month, year etc</p> <p>Area and perimeter</p>	<p>Geometry: Position & Direction</p> <p><u>NC Objectives:</u></p> <p>Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.</p> <p>Maths meeting:</p> <p>Counting – in fractions</p> <p>Calculation – times tables</p> <p>Symmetry</p>	<p>Measurement: Converting Units</p> <p><u>NC Objectives:</u></p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.</p> <p>Solve problems involving converting between units of time</p> <p>Maths meeting:</p> <p>Counting – relating to volume and measurement</p> <p>Calculation – times tables</p> <p>Negative numbers</p>
<p>Week 6</p>	<p>Number – Multiplication & Division</p> <p><u>NC Objectives:</u></p> <p>Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)</p> <p>Identify multiples and factors, including finding all factor pairs of a number</p>	<p>Number – Multiplication & Division</p> <p><u>NC Objectives:</u></p> <p>Multiply numbers up to 4 digits by 1 or 2 digit numbers</p> <p>Multiply and divide numbers mentally</p> <p>Maths meeting:</p>		<p>Statistics</p> <p><u>NC Objectives:</u></p> <p>Solve comparison, sum and difference problems using information presented in a line graph</p> <p>Maths meeting:</p> <p>Counting – in decimals (and equivalents)</p> <p>Calculation – times tables</p>	<p>Number – Decimals</p> <p><u>NC Objectives:</u></p> <p>Solve problems involving number up to 3 decimal places</p> <p>Maths meeting:</p> <p>Counting – in fractions</p>	<p>Measurement: Volume</p> <p><u>NC Objectives:</u></p> <p>Estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water]</p>

	<p>Maths meeting: Counting in multiples of 25, 50, 100 and 1000</p> <p>Calculation – Times tables Roman numerals to a 1000.</p>	<p>Counting – Multiples of 6,7, 8 & 9 Calculation – times tables Square and cube numbers</p> <p><u>PUMA test.</u></p>		<p>Days in a week, month, year etc Area and perimeter</p>	<p>Calculation – times tables Money problems</p>	<p>Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.</p> <p>Maths meeting: Counting – relating to volume and measurement Calculation – times tables Negative numbers</p>
<p>Week 7</p>	<p>Number – Multiplication & Division</p> <p><u>NC Objectives:</u> Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers</p> <p>Establish whether a number up to 100 is prime and recall prime numbers up to 19</p> <p>Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes</p> <p>Maths meeting: Counting in multiples of 25, 50, 100 and 1000</p>	<p>Number – Multiplication & Division</p> <p><u>NC Objectives:</u> Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</p> <p>Multiply and divide numbers mentally</p> <p>Maths meeting: Counting – Multiples of 6,7, 8 & 9 Calculation – times tables Square and cube numbers</p>				<p>Consolidation and gaps</p>

	Calculation – Times tables Roman numerals					
Week 8		<p>Number – Multiplication & Division</p> <p>NC Objectives: Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes</p> <p>Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign</p> <p>Maths meeting: Counting – Multiples of 6,7, 8 & 9 Calculation – times tables Square and cube numbers</p>				