



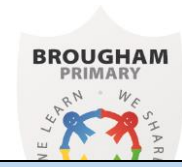
Long Term Framework

	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 – 4 operations (including Measurement: Money, Mass, Capacity)				Measurement: Perimeter, Area and Volume		Statistics	Number – Fractions, Decimals and Percentages (including measurement – converting units)		
Spring	Geometry - Properties of shapes Geometry: Position and Direction		Number – Algebra	Number – Ratio			SATs Prep				SATs	
Summer	Number Consolidation: + and – Mental Fluency and arithmetic and Investigations (including Measurement)						Number Consolidation: x and ÷ Mental Fluency and arithmetic and Investigations (including Measurement and money)					



Year 6 – 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>Number – Place Value</p> <p>6.1.a.2 Consolidate counting forwards or backwards in steps of powers of 10 for any given number to 1 000 000</p> <p>6.1.a.3 Consolidate counting in multiples of 2, through to 10, 25 and 50</p> <p>6.1.b.2 Consolidate reading Roman numerals to 1000 (M) and recognising years written in Roman numerals</p> <p>N.C. CONTENT DOMAIN 6N2 & 6N3</p> <p>6.1.b.1 & 6.1.c.1 Read, write, order and compare numbers to 10 000 000 and determine the value of digits</p> <p>N.C. CONTENT DOMAIN 6N4</p> <p>6.1.e.1 Round whole numbers to 10 000 000 to a required degree of accuracy</p> <p>N.C. CONTENT DOMAIN 6N5</p> <p>6.1.a.1 & 6.1.b.3 Use negative numbers in context; calculate intervals across zero</p> <p>N.C. CONTENT DOMAIN 6N6 (6N2-6N5)</p> <p>6.1.d.1 Solve number problems and practical problems with number and place value from the Year 6 curriculum</p>	<p>Number – 4 operations (including Measurement: Money, Mass, Capacity)</p> <p>N.C. CONTENT DOMAIN 6C7a</p> <p>6.2.e.2 Multiply multi digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</p> <p>N.C. CONTENT DOMAIN 6C7b & c</p> <p>6.2.e.3 Divide numbers up to 4 digits by a two-digit whole number using the formal methods of short or long division, and interpret remainders as appropriate for the context as whole numbers, fractions or by rounding</p> <p>N.C. CONTENT DOMAIN 6C6</p> <p>6.2.b.1 Perform mental calculations, including with mixed operations and large numbers</p> <p>N.C. CONTENT DOMAIN 6C5</p> <p>6.2.b.3, 6.2.a.3 & 6.2.a.4 Identify common factors, common multiples and prime numbers greater than 100</p> <p>N.C. CONTENT DOMAIN 6C9</p> <p>6.2.a.1 Use knowledge of the order of operations</p> <p>N.C. CONTENT DOMAIN 6C3</p> <p>6.2.f.1 & 6.2.c.3 Check answers to calculations with mixed operations and large numbers, choosing the most appropriate method, including estimation, and determining, in the context of a problem, an appropriate degree of accuracy</p> <p>N.C. CONTENT DOMAIN 6C4</p> <p>6.2.c.1 Solve multi step addition and subtraction problems in less familiar contexts, deciding which operations and methods to use and why</p> <p>N.C. CONTENT DOMAIN 6C8</p> <p>Solve problems involving addition, subtraction, multiplication and division.</p> <p>N.C. CONTENT DOMAIN 6M9</p>	<p>Measurement: Perimeter, Area and Volume ; Converting Units</p> <p>N.C. CONTENT DOMAIN 6M7b</p> <p>6.3.6 Calculate the area of parallelograms and triangles</p> <p>N.C. CONTENT DOMAIN 6M7c & 6M8b</p> <p>6.3.7 Recognise when it is possible to use formulae for area and volume of shapes</p> <p>N.C. CONTENT DOMAIN 6M7a</p> <p>6.1.6 Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>N.C. CONTENT DOMAIN 6M7c & 6M8a</p> <p>6.2.5, 6.3.8 Calculate and compare volume of cubes and cuboids using standard; Estimate volume of cubes and cuboids</p> <p>N.C. CONTENT DOMAIN 6M6</p> <p>6.1.5 Convert between miles and kilometres and use a conversion graph</p> <p>N.C. CONTENT DOMAIN 6M5</p> <p>6.1.4 Use, read and write standard units with up to three decimal places, including converting from smaller to larger units and vice versa</p> <p>N.C. CONTENT DOMAIN 6M9</p>	<p>Statistics</p> <p>N.C. CONTENT DOMAIN 6S1</p> <p>6.1.1, 6.2.1 & 6.3.1 Interpret and construct data in pie charts and line graphs and use these to solve problems</p> <p>6.3.2 Calculate and interpret the mean as an average</p> <p>N.C. CONTENT DOMAIN 6S3</p> <p>6.1.2 Consolidate skills in interpreting more complex tables, including timetables</p> <p>6.2.2 Consolidate skills in completing tables, including timetables</p> <p>N.C. CONTENT DOMAIN 6G5</p> <p>6.2.2 Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.</p>	<p>Number – Fractions, Decimals and Percentages</p> <p>FRACTIONS</p> <p>N.C. CONTENT DOMAIN 6F2</p> <p>6.3.b.1 Use common factors to simplify fractions</p> <p>N.C. CONTENT DOMAIN 6F3</p> <p>6.3.c.1 Compare and order fractions, including fractions > 1</p> <p>N.C. CONTENT DOMAIN 6A3</p> <p>6.3.1 (Algebra objective) Generate and describe linear number sequences</p> <p>N.C. CONTENT DOMAIN 6F4</p> <p>6.3.c.2 Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</p> <p>N.C. CONTENT DOMAIN 6F5a</p> <p>6.3.c.3 Multiply simple pairs of proper fractions</p> <p>N.C. CONTENT DOMAIN 6F5b</p> <p>6.3.c.4 Divide proper fractions by whole numbers</p> <p>N.C. CONTENT DOMAIN 6F6</p> <p>6.3.a.1 Associate a fraction with division</p> <p>6.3.d.1 Multiply a quantity that represents a unit fraction to find the whole quantity</p> <p>6.1.4 (Ratio objective) Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p> <p>6.3.b.2 Use common multiples to express fractions in the same denomination</p> <p>DECIMALS</p> <p>N.C. CONTENT DOMAIN 6F9a</p> <p>6.3.a.3 & 6.3.a.4 Identify the value of each digit in numbers given to three decimal places; Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</p>							



<p>CONSOLIDATION</p> <p>6.3.2 Add and subtract positive and negative measurements such as temperature</p>	<p>6.3.4 Solve measurement problems with decimal notation up to three decimal places and approximate equivalences between metric and imperial measurements</p> <p>CONSOLIDATION</p> <p>6.2.a.2 Consolidate their understanding of the equals sign as representing equivalence between two expressions</p> <p>6.2.b.2 Consolidate knowledge of addition facts and the related subtraction facts, deriving further related facts as required</p> <p>6.2.b.4 Consolidate multiplying and dividing whole numbers and decimals by 10, 100 and 1000</p> <p>6.2.c.2 Consolidate solving problems using more than one of the four operations</p> <p>6.2.d.1 Consolidate knowledge of multiples and factors, including all factor pairs of a number, and common factors of two numbers</p> <p>6.2.d.2 Consolidate recall of square numbers and cube numbers and the notation for them</p> <p>6.2.d.3 Consolidate recall of prime numbers up to 19</p> <p>6.2.e.1 Consolidate adding and subtracting whole numbers with more than 4 digits, including using formal written columnar addition and subtraction</p> <p>6.2.f.2 Check answers to calculations with all four operations involving any numbers by rounding</p> <p>6.3.1 Consolidate skills in solving problems converting between units of time</p> <p>6.1.3 Consolidate fluency in using money expressed in £ and p</p> <p>6.3.5 Consolidate skills in calculating perimeter</p>	<p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate</p> <p>CONSOLIDATION</p> <p>6.2.3 Continue to measure and compare using different standard units of measure</p> <p>6.2.4 Consolidate skills in identifying and measuring perimeter</p> <p>6.2.5 Estimate volume of cubes and cuboids</p>	<p>CONSOLIDATION</p> <p>6.1.1 Continue to develop understanding of how analogue and digital clocks tell the time</p> <p>6.1.2 Consolidate understanding of converting between units of time</p> <p>6.2.1 Consolidate fluency in working with time</p> <p>6.2.2 Consolidate fluency in recording the time</p>	<p>N.C. CONTENT DOMAIN 6F9b</p> <p>6.3.c.7 Multiply one-digit numbers with up to two decimal places by whole numbers</p> <p>6.3.c.5 Round decimals to three decimal places or other approximations depending on the context</p> <p>N.C. CONTENT DOMAIN 6F9c</p> <p>6.3.c.6 Use written division methods in cases where the answer has up to two decimal places</p> <p>N.C. CONTENT DOMAIN 6F10</p> <p>6.3.d.2 Solve problems which require decimal answers to be rounded to specified degrees of accuracy</p> <p>6.3.b.4 Calculate decimal fraction equivalents for a simple fraction</p> <p>PERCENTAGES</p> <p>N.C. CONTENT DOMAIN 6F11</p> <p>6.3.b.6 Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</p> <p>6.3.d.3 Solve problems with FDP from the Year 6 curriculum</p> <p>CONSOLIDATION</p> <p>6.2.c.4 Consolidate solving calculation problems involving scaling by simple fractions and simple rates</p> <p>6.3.a.2 Consolidate understanding of equivalent fractions by extending to improper fractions</p> <p>6.3.a.5 Consolidate recognition of the per cent symbol and understanding that per cent relates to 'number of parts per hundred'</p> <p>6.3.b.5 Consolidate understanding of the connection between fractions, decimals and percentages</p> <p>6.1.3 Consolidate fluency in using money expressed in £ and p</p> <p>6.3.b.3 Consolidate understanding of the relation between tenths, hundredths and thousandths and decimal notation</p>
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Year 6 – 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>Geometry - Properties of shapes; Position and Direction</p> <p>N.C. CONTENT DOMAIN 6P3 6.4.1 Use positions on the full coordinate grid (all four quadrants)</p> <p>N.C. CONTENT DOMAIN 6P2 6.5.1 Draw and translate simple shapes on the coordinate plane, and reflect them in the axes</p> <p>6.4.2 Draw and label rectangles (including squares), parallelograms and rhombuses specified by coordinates in the four quadrants, predicting missing coordinates using the properties of shapes</p> <p>N.C. CONTENT DOMAIN 6G2b Describe simple 3D shapes</p> <p>N.C. CONTENT DOMAIN 6G3b 6.2.3 & 6.1.3 Recognise 3-D shapes from their nets; Build simple 3-D shapes, including making nets</p> <p>N.C. CONTENT DOMAIN 6G3a 6.1.1 Draw 2-D shapes accurately using given dimensions and angles</p> <p>N.C. CONTENT DOMAIN 6G2a 6.2.1 Compare and classify geometric shapes based on increasingly complex geometric properties and sizes</p> <p>N.C. CONTENT DOMAIN 6G4a 6.3.3 Find unknown angles and lengths in triangles, quadrilaterals, and regular polygons</p> <p>N.C. CONTENT DOMAIN 6G4b 6.3.1 Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles</p> <p>6.1.2 Use conventional markings and labels for lines and angles</p> <p>6.3.2 Check solutions to missing angle problems by estimating</p>			<p>Number – Algebra</p> <p>N.C. CONTENT DOMAIN 6A1 6.1.1 Express missing number problems algebraically</p> <p>N.C. CONTENT DOMAIN 6A2 6.1.2 Use simple formulae</p> <p>N.C. CONTENT DOMAIN 6A3 6.3.1 Generate and describe linear number sequences</p> <p>N.C. CONTENT DOMAIN 6A4 6.2.1 Find pairs of numbers that satisfy an equation with two unknowns</p> <p>N.C. CONTENT DOMAIN 6A5 6.2.2 Enumerate possibilities of combinations of two variables</p>		<p>Number – Ratio</p> <p>N.C. CONTENT DOMAIN 6R1 6.1.1 Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>N.C. CONTENT DOMAIN 6R2 6.1.2 Solve problems involving the calculation of percentages and the use of percentages for comparison</p> <p>N.C. CONTENT DOMAIN 6R3 6.1.3 Solve problems involving similar shapes where the scale factor is known or can be found</p> <p>N.C. CONTENT DOMAIN 6R4 6.1.4 Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p>		<p>SATs Prep</p>			<p>SATs</p>		

Brougham Primary School – Year 6 – Scheme of Learning



Year 6 – 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
<u>Number Consolidation:</u> <u>+ and –</u> <u>Mental Fluency and arithmetic and Investigations</u> <u>(including Measurement)</u>					<u>Number Consolidation:</u> <u>x and ÷</u> <u>Mental Fluency and arithmetic and Investigations</u> <u>(including Measurement and money)</u>						

Brougham Primary School – Year 6 – Scheme of Learning

