

Greenfields Academy (Primary) - Long Term Planning – NUMERACY FRAMEWORK

Academic Year Overview 2020/21 – Primary 3

Term	Autumn		Spring		Summer	
	1	2	3	4	5	6
	Number: Place Value Number: Addition and Subtraction	Number: Multiplication and Division	Fractions	Measure	Geometry	Ratio and Proportion
Weekly Sequence	KEY: C = Coverage N = New Learning R = Recall of prior learning A = Assessment					
1	C – Place Value N – I can use their understanding of place value to read, write and order large numbers. N – I can use expanded notation with large numbers.	C – Multiplication and Division R – I know by times tables. R – I can solve multiplication and division problems using known multiplication facts.	C – Fractions N – To simplify fractions N – I can compare and order fractions on a number line. N – I can add and subtract fractions with the same denominators	C – Measure N – I can measure in and convert between mm, cm and m for length and height. N – I can measure and convert between g and kg for weight. N – I can measure and convert between l and ml for capacity.	C – Geometry N – I can identify and group a range of 2D and 3D shapes. N – I can build 3D shapes using nets.	C – Ratio and proportion N – I can read and write a ratio statement. N – I can find ratios for groups of objects. N – I can solve simple problems involving calculating ratio.
2	C – Place Value R – I can use expanded notation with large numbers.	C – Multiplication and Division N – I can identify factors and multiples of given numbers. N – I can create factors trees.	C – Fractions N – I can compare and order fractions with different denominators.	C – Measure N – I can convert between metric and imperial unit of length, weight and capacity.	C – Geometry R – I can build 3D shapes using nets. N – I can identify a range of 3D shapes by their nets.	C – Ratio and proportion R – To write a ratio statement to compare two values N – To write a ratio in its simplest form.

	<p>N – I can round whole numbers to the nearest 10, 100 and 1,000</p> <p>N – I can solve number problems involving place value</p> <p>N – I can add and subtract numbers using expanded notation.</p>	<p>N- I can identify common multiples.</p> <p>N – I can identify prime numbers.</p>	<p>N – I can add and subtract fractions with different denominators.</p>			<p>N - To recognise and write equivalent ratios.</p>
3	<p>C – Place Value</p> <p>N – I can compare large numbers using < and > symbols.</p> <p>N – I can compare and order negative numbers.</p>	<p>C – Multiplication and Division</p> <p>N – I can identify factors and multiples of given numbers.</p> <p>N – I can create factors trees.</p> <p>N- I can identify common multiples.</p> <p>N – I can identify prime numbers.</p>	<p>C – Fractions</p> <p>N – I can multiply fractions by fractions.</p> <p>N – I can multiply and divide fractions by whole numbers.</p>	<p>C – Measure</p> <p>N – To calculate the perimeter of regular and irregular shapes.</p> <p>N – To calculate area of squares and rectangles.</p> <p>N - Recognise that shapes with the same areas can have different perimeters and vice versa</p>	<p>C – Geometry</p> <p>N – I can measure and draw angles using a protractor.</p> <p>N – I can identify right angles, obtuse, reflex and acute angle (within shapes).</p>	<p>C – Ratio and proportion</p> <p>N – I can enlarge a shape using a given scale factor.</p> <p>N – I can calculate the scale factor of an enlarged shape.</p>
4	<p>C – Addition and Subtraction</p> <p>N – I can recall number bonds to 10, 20 and 100.</p> <p>N – I can apply my knowledge of number bonds to larger numbers.</p>	<p>C – Multiplication and Division</p> <p>R – I can identify prime numbers.</p> <p>N – I can find prime factors of numbers.</p> <p>N – I can find square and cube numbers.</p>	<p>C – Fractions</p> <p>N – I can find fractions of amounts.</p> <p>A – I can solve problems involving fractions.</p>	<p>C – Measure</p> <p>R – To calculate area of squares and rectangles.</p> <p>R - Recognise that shapes with the same areas can have different perimeters and vice versa.</p> <p>N – To calculate the area of triangles and parallelograms.</p>	<p>C – Geometry</p> <p>N – I can calculate missing angles on a straight line.</p> <p>N – I can calculate missing angles in 2D shapes.</p>	<p>C – Ratio and proportion</p> <p>A – I can solve problems involving ratio and proportion.</p>
5	<p>C – Addition and Subtraction</p> <p>N – I can add and subtract large numbers using the column method.</p>	<p>C – Multiplication and Division</p> <p>N – I can use long multiplication to multiply 2, 3 and 4-digit numbers by 1</p>	<p>C – Fractions</p> <p>N – I can convert between simple fractions and decimals.</p>	<p>C – Measure</p> <p>N – To recognise compound shapes.</p> <p>N – I calculate the area of compound shapes.</p>	<p>C – Geometry</p> <p>N – I can identify regular and irregular polygons.</p> <p>N – I can draw regular and irregular polygons.</p>	<p>Enrichment and Transitions</p>

	N – I can use addition and subtraction skills to solve missing number problems.	and 2-digit numbers (grid method).	N – To round decimal numbers to a 3 decimal places.			
6	<p>C – Addition and Subtraction</p> <p>R – I can add and subtract large numbers using the column method.</p> <p>R – I can use addition and subtraction skills to solve missing number problems.</p> <p>N – I can use the inverse operation to check my own work.</p>	<p>C – Multiplication and Division</p> <p>N – I can use short division do divide 2, 3 and 4-digit numbers by 1 and 2-digit numbers.</p>	<p>C – Fractions</p> <p>N – I can multiply and divide whole numbers and decimals by 10, 100 and 1,000.</p> <p>N – I can multiply fractions by whole numbers.</p>		<p>C – Geometry</p> <p>A – I can reason about 3D shapes.</p>	Enrichment and Transitions
7	<p>C – Addition and Subtraction</p> <p>A – I can solve 2 step addition and subtraction problems involving addition and subtraction.</p>	Enrichment Week				

