

## 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
<b>Weekly Sequence</b>	<b>KEY:</b> <b>C = Coverage</b> <b>N = New Learning</b> <b>R = Recall of prior learning</b> <b>A = Assessment</b> <b>SC – Taught during COVID19 school closure</b>					
<b>1</b>	Staff Training	<b>C – Multiplication and Division</b> R – I know my times tables. R – I can solve multiplication and division problems using known multiplication facts.	<b>C – Fractions</b> 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	<b>C – Measure</b> 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.	<b>C – Geometry</b> N – I can identify and group a range of 2D and 3D shapes. N – I can build 3D shapes using nets.	<b>C – Ratio and proportion</b> 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.
<b>2</b>	Staff Training	<b>C – Multiplication and Division</b> N – I can identify factors and multiples of given numbers. N – I can create factors trees.	<b>C – Fractions</b> N – I can compare and order fractions with different denominators.	<b>C – Measure</b> N – I can convert between metric and imperial unit of length, weight and capacity.	<b>C – Geometry</b> R – I can build 3D shapes using nets. N – I can identify a range of 3D shapes by their nets.	<b>C – Ratio and proportion</b> R – To write a ratio statement to compare two values N – To write a ratio in its simplest form.

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

	N – I can recall number bonds to 10, 20 and 100. N – I can apply my knowledge of number bonds to larger numbers.	N – I can identify prime numbers. N – I can find prime factors of numbers. N – I can find square and cube numbers.				
6	C – Addition and Subtraction N – I can add and subtract large numbers using the column method. N – I can use addition and subtraction skills to solve missing number problems.	C – Multiplication and Division N – I can use long multiplication to multiply 2, 3 and 4-digit numbers by 1 and 2-digit numbers (grid method). N – I can use short division to divide 2, 3 and 4-digit numbers by 1 and 2-digit numbers.	C – Fractions N – I can multiply and divide whole numbers and decimals by 10, 100 and 1,000. N – I can multiply fractions by whole numbers.		C – Geometry A – I can reason about 3D shapes.	Enrichment and Transitions
7	C – Addition and Subtraction N – I can use the inverse operation to check my own work. A – I can solve 2 step addition and subtraction problems involving addition and subtraction.	Enrichment Week				