

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

Academic Year Overview 2021/22 – Primary 3

Term	Autumn		Spring		Summer	
	1	2	3	4	5	6
	Number: Place Value Number: Four operations	Number: Four operations Number: Fractions	Number: Fractions incl Decimals and Percentages	Number: Algebra Measure: Time	Geometry: Position and Direction Geometry: Property of Shapes	Statistics
Weekly Sequence	KEY: C = Coverage N = New Learning R = Recall of prior learning A = Assessment					
1	C – Place Value N – I can read, write and order large numbers. N – I can know the value of the digits in large numbers. N – I can use expanded notation with large numbers.	C – Multiplication and Division N – To use long multiplication.	C – Fractions N – I understand the relationship between fractions and decimals N – I can convert between fractions and decimals. N – I can round decimal numbers to 2 and 3 decimal places.	C – Algebra N – I can use simple formulae N – I can express missing number problems algebraically N – To use formulae to solve problems.	C – Geometry N – To identify the x and y axis and how this is represented in a co-ordinate. N – To read coordinates in all four quadrants N – To plot coordinates in all our quadrants	C - Statistics N - Interpret and construct line graphs and use these to solve problems
2	C – Place Value R – I can use expanded notation with large numbers.	C – Multiplication and Division N - To use long division with and without remainders.	C – Decimals N – I can multiply and divide whole numbers and decimals by 10, 100 and 1,000.	C – Algebra R – I can use simple formulae; generate and describe linear number sequences	C – Geometry R – To read coordinates in all four quadrants R – To plot coordinates in all our quadrants	C - Statistics N - Interpret and construct pie charts and use these to solve problems

	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 identify the place value of each digit in numbers with up to 3 decimal places.	N – I can find pairs of numbers that satisfy an equation with two unknowns	N – To translate shapes using coordinates A – To draw shapes using coordinates in all four quadrants	
3	C – Addition and Subtraction N – I can apply my knowledge of numbers bonds to 10, 20 and 100 to add and subtract large numbers. N – I can use the 'jumping' method to add and subtract large numbers.	C – Multiplication and Division N – I can solve one and two step problems involving mixed operations. A – I can solve problems including the four operations.	C – Decimals N – I can multiply and divide decimal numbers by whole numbers.	C – Algebra R – I can use simple formulae; generate and describe linear number sequences N – I can enumerate possibilities of combinations of two variables. N – I can use symbols within algebra	C – Geometry R – I can identify regular and irregular 2D and 3D shapes using number of vertices, sides and corners. N – I can use a ruler to draw a 2D shape to a given measurement.	C - Statistics N – To calculate and interpret the mean as an average.
4	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. N – I can use the inverse operation to check my own work.	C – Fractions N – I can simplify fractions N – I can compare and order fractions on a number line. N – I can add and subtraction fractions with the same denominator.	C – Percentages N - To find percentages using decimal and fraction equivalents. N – I can find percentages of amounts. N – I can solve problems involving percentages.	C – Algebra A – To write and solve number problems using algebra	C – Geometry N – I can construct and identify a 3D shape from a given shape net. N – I can compare and classify geometric shapes	C - Statistics A – To solve problems involving statistics (incl past learning on bar charts etc).
5	C – Multiplication and Division N – I can use known multiplication facts to solve multiplication and division problems.	C – Fractions N – I can add and subtract fractions with different denominators. N – I can convert between mixed numbers and improper fractions	C – Fractions N – I can solve 1 and 2 step problems involving fractions, decimals and percentages.	C – Time N – I can read the time on an analogue clock. N – I can read the time on a 24 hours clock. N – I can convert between a 12 and 24-hour clock.	C – Geometry N – I can recognise different types of angle N – I can draw circle using a pair of compasses. N – I can identify and calculate the radius,	Enrichment and Transitions

	N – I know my times tables. N – I can identify factors of numbers.	N – I can add and subtract improper fractions			diameter and circumference.	
6	C – Multiplication and Division N – To identify common factors, multiples and prime numbers. N – I can identify and find cube and square numbers. N – To use the grid method (partitioning) for multiplication	C – Fractions N – I can find fractions of amounts. N – I can multiply and divide fractions by fractions. N – I can multiply fractions by whole numbers.	C – Fractions A – I can solve 1 and 2 step problems involving fractions, decimals and percentages.	C – Time N – I can read a timetable. N – I can solve time problems using a timetable.	C – Geometry N – I can calculate the volume of 3D shapes.	Enrichment and Transitions

