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

Academic Year Overview 2021/22 – Primary 2

Term	Autumn		Spring		Summer	
	1	**2**	**3**	**4**	**5**	**6**
	Number: Place Value Number: Addition and Subtraction	Number: Addition and Subtraction Number: Multiplication and Division	Number: Multiplication and Division	Number: Fractions	Measurement	Statistics
Weekly Sequence	**KEY:** **C = Coverage** **N = New Learning** **R = Recall of prior learning** **A = Assessment**					
1	C – Place Value N – I can identify the place value in 4, 5 and 6-digit numbers. N – I can read, write and identify large numbers.	C – Addition and Subtraction R – I can use the column method to add and subtract large numbers. N – I can use rounding to estimate my answers. N – I can use the inverse operation to check my answers.	C – Multiplication and Division N – I can solve multiplication and division problems using known multiplication facts.	C – Fractions N – I can count from 0 – 1 using fractions. N – I understand how fractions are formed. N – I can simplify simple fractions.	C – Length, Weight and Capacity. N – I can measure length, weight and capacity using appropriate equipment and units (metric only). N – I can convert between different units of length, weight and capacity (ie mm, cm, m, km).	C – Statistics N – I can read and interpret line graphs. N – I can solve problems involving line graphs.
2	C – Place Value N – I can order 4, 5 and 6-digit numbers. N – I can compare large numbers using < and > symbols.	C – Addition and Subtraction N – I know number bonds to 10, 20 and 100. N – I can apply my understanding of number bonds to large numbers.	C – Multiplication and Division N – I can multiply 2, 3 and 4-digit numbers by a 1-digit number using the long method.	C – Fractions R – I can simplify simple fractions. N – I can find equivalent fractions.	C – Length, Weight and Capacity. R – I can convert between different units of length, weight and capacity (ie mm, cm, m, km).	C – Statistics R – I can read and interpret line graphs. R – I can solve problems involving line graphs.

	N - I can count in 10s 100s 1000s, 10000 and 100000s.			N – I can recognise and convert between mixed numbers and improper fractions.		N – I can compare data from line graphs. N – I can find the sum of and difference between line graph data.
3	C – Place Value N - I can round large number to the nearest 10s 100s 1000s, 10000 and 100000s. N – I can solve problems involving place value.	C – Addition and Subtraction R – I can use the column method to add and subtract large numbers. N – I can solve 1 and 2-step problems involving addition and subtraction.	C – Multiplication and Division R – I can multiply 2, 3 and 4-digit numbers by a 1-digit number using the long method. N – I can multiply 2, 3 and 4-digit numbers by a 2-digit number using the long method.	C – Fractions R – I can recognise and convert between mixed numbers and improper fractions. N – I can compare and order fractions with the same denominator. A – I can compare and order fractions with different denominators (where denominators are multiples of the same number).	C – Length, Weight and Capacity. R - I can convert between different units of length, weight and capacity (ie mm, cm, m, km).	C – Statistics N – I can read and interpret data tables. A – I can use a table to draw a line graph.
4	C – Place Value N – I can count in negative numbers. N – I can order negative numbers. N – I can solve number problems involving negative numbers.	C – Multiplication and Division R – I know my times tables. R – I can recall multiplication facts for 2, 3, 4, 5, 6, 7, 8, 9, 10. N – I know my 11- and 12-times table.	C – Multiplication and Division N – I can divide 2, 3 and 4-digit numbers by a 1-digit number using long division (without remainders)	C – Fractions N – I can add and subtract fractions with the same denominator. N – I can multiply fractions by whole numbers. R – I can convert between improper fractions and mixed numbers.	C – Time N – I can tell the time on a analogue clock. N – I can solve analogue time problems.	C – Statistics N – I can read and solve problems using timetables. N – I can interpret and create venn diagrams.
5	C – Place Value N – I can read, write and recognise Roman numeral to 1000. N – I can solve problems involving Roman numerals.	C – Multiplication and Division N – I can identify factors and multiples of numbers. N – I can find factor pairs for a given number.	C – Multiplication and Division N – I can divide 2, 3 and 4-digit numbers by a 1-digit number with remainders	C – Fractions N – I can convert between fractions, decimals and percentages (using simple fractions only, 1/10, ¼, 1/5, ½ etc.)	C – Time N – I can tell the time on a digital clock. N – I can covert between 12 hour and 24-hour time.	Enrichment and Transitions

6	C – Addition and Subtraction N – I can use expanded notation to partition large numbers. N – I can use the column method to add and subtract large numbers.	C – Multiplication and Division N – I can multiply and divide by 10, 100 and 1,000. N – I can identify common factors.	C – Multiplication and Division A – I can solve multiplication and division problems.	C – Time R – I can covert between 12 hour and 24-hour time. A – I can read and solve problems involving timetables (24 hr).	Enrichment and Transitions
7	C – Addition and Subtraction R – I can use the column method to add and subtract large numbers. N – I can use rounding to estimate my answers.	Enrichment			