

Green Lane CE Primary School 2018-19 Maths: Stage 5 (working towards by end of KS2)

NAME:				Date objective when child has shown evidence of using the skill.	Highlight green when child has SECURED the skill.
CLASS:		Starting Stage:			
YEAR GROUP:		End Stage:			

Number and Place Value		
I can read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit		
I can interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero – describe a sequence e.g. $3\frac{1}{2}$, 4, $4\frac{1}{2}$		
I can round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000, and numbers with two decimal digits to nearest whole number		
Addition and Subtraction		
I can read Roman numerals to 1000 (M) and recognise years written in Roman numerals		
I can add and subtract whole numbers with more than 4 digits, including using formal written methods in multi-step word problems involving measurement (columnar method)		
Multiplication and Division		
I can identify prime numbers, multiples and factors. I know times table facts to 12×12 .		
I can multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers (and those involving decimals by 10, 100 and 1000)		
I can divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context		
I can begin to solve multi-step word problems involving multiplication and division, including scaling by simple fractions and problems involving measure		
Fractions – including Decimals and Percentages		
I can compare and order fractions (including those greater than 1) whose denominators are all multiples of the same number		
I can recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number, for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$		
I can read and write decimal numbers as fractions for example, $0.71 = \frac{71}{100}$, and complements of 1 (for example, $0.83 + 0.17 = 1$)		
I can round decimals with two decimal places to the nearest whole number and to one decimal place		
I can begin to calculate using fractions, decimals or percentages (e.g. knowing that 7 divided by 21 is the same as $\frac{7}{21}$ and that this is equal to $\frac{1}{3}$; 15% of 60; $112 \div 34$; $\frac{7}{9}$ of 108; 0.8×70).		
Measurement		
I can convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)		
I can measure to nearest millimetre and calculate the perimeter and area of composite rectilinear shapes in centimetres and metres.		
I can use all four operations to solve multi-step word problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling		
Geometry – Properties of Shapes		
I can identify 3-D shapes, including cubes and other cuboids, from 2-D representations		
I can draw regular and irregular polygons using given angles, and measure them in degrees (o) using protractor. I can begin to use mathematical reasoning to find missing angles		
I can identify: angles at a point and one whole turn (total 360o); angles at a point on a straight line and half a turn (total 180o); other multiples of 90o – including rotation and reading co-ordinates.		
Statistics		
I can complete, read and interpret information in tables, including timetables and time graphs		

5B Working BELOW 0 – 2 5B+ BELOW WORKING TOWARDS 3 – 5	5W WORKING TOWARDS National Standard 6 – 12	5W+ WORKING AT THE NATIONAL STANDARD Must include all underlined KO's 13 – 15	5S SECURELY WORKING AT NATIONAL STANDARD Must include all underlined KO's 16 – 18	5S+ SHOWING GREATER DEPTH 19 - 21
--	--	---	--	---