

Year 5 Maths Long Term Plan

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	
Term 1	Number (NPV) Read, write, order and compare numbers to at least a million and determine the value of each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000 Round any number up to 1 million to the nearest 10, 100, 1000, 10000 and 100000		Number (A&S) Add and subtract numbers mentally Add and subtract whole numbers with more than 4 digits using formal written methods Multi step problems & use rounding to check answers		Number (M&D) Multiply numbers up to 4 digits by a 1 digit number using formal written methods		WHOLE SCHOOL THEME WEEK (LITERACY) Recognise and use squared and cubed numbers including notation	
Term 2	Number (M&D) Identify multiples, all factor pairs & common factors of two numbers Know & use vocabulary: prime & composite Recall prime numbers to 19 Establish if a number up to 100 is prime		Number (M&D) Multiply and divide whole numbers & decimals by 10, 100 and 1000 Measurement Convert between different units of metric measure		Number (FiD&P) Identify, name & write equivalent fractions Recognise mixed numbers and improper fractions & convert Compare & order fractions		Geometry (PoS) Y4 Revision Compare and classify triangles and quadrilaterals Geometry (P&D) Identify, describe and represent shapes following reflection and translation	
Term 3	WHOLE SCHOOL THEME WEEK (STEM) Number (NPV) Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0	Number (M&D) Multiply and divide numbers mentally drawing on known facts Multiply 4 digits by 2 digit- formal written methods Divide 4 digits by 1 digit using short division + interpret remainders			Number (FiD&P) Add and Subtract fractions Multiply proper and mixed numbers by whole numbers			
Term 4	Number (FiD&P) Read, write, order and compare numbers with up to 3 decimal places Read and write decimal numbers as fractions Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents Round decimals with 2dp to nearest whole and 1dp		Geometry (PoS) Recognise 3d shapes from 2d representations		Measurement Measure and calculate perimeter of composite rectilinear shapes (cm & m) Calculate and compare the area of rectangles			
Term 5	Geometry (PoS) Know angles are measured in degrees Estimate and compare acute, obtuse and reflex Draw and measure angles Identify angles Distinguish between regular and irregular shapes- reasoning about angles		Number (FiD&P) Decimal focus Number (FiD&P) Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction. Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.			Statistics Complete, read and interpret information in tables, including timetables		

Term 6	Measurement Use equivalence between metric and imperial	Number (FiD&P) Solve problems involving number up to 3 decimal places	WHOLE SCHOOL THEME WEEK (SPORTS) Statistics Line graphs	Measurement Time- solve problems involving converting between units of time	Measurement Estimate volume [for example, using 1 cm ³ blocks to build cuboids (including cubes)] and capacity	TRANSITION WORK/INTERVENTIONS
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