Year 5 Maths Long Term Plan 2024-2025

Term 1 Multiplication Fluency Telling the time Count forwards and backwards in steps of power of 10	**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 whole numbers with more than 4 digits using formal written methods Add and subtract numbers mentally Use rounding to check answers Multi step problems	**Number (M&D)** Identify multiples Multiply numbers up to 4 digits by a 1 digit number using formal written methods	**WEEK 1- WHOLE SCHOOL THEME WEEK (LITERACY)** Recognise and use squared and cubed numbers including notation
Term 2	**Number (M&D)** Identify all factor pairs Identify common factors of two numbers Know and use vocabulary- prime, prime factors and 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 STEM WEEK** **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)** 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 1/2 , 1/4 , 1/5 , 2/5 , 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 SPORTS WEEK** **Statistics** Solve comparison, sum and difference problems using information presented in a line graph	**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**