Year 5 **Maths Long Term Planning** **2025-2026**

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Number Place Value				Number Addition & Subtraction			Statistics		Number Multiplication & Division			Measurement Perimeter Area	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Spring	Number: Multiplication and division			Number Fractions & Decimals		Number: fractions		Number: fractions		Number: Decimals and percentages		Measurement: converting units	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
Summer	Number- decimals Addition, subtraction, multiplication & division		Number: fractions		Geometry Properties of shape & Measure		Geometry Properties of shape	Geometry Position and direction			Statistics

Year 5 Autumn Term Planning (14 weeks)

Week 1,2, 3 & 4 Number Place value	Week 5, 6 & 7 Number Addition & Subtraction	Week 8 statistics	Week 9 Statistics	Week 10, 11 & 12 Number multiplication & division	Week 13 & 14 Measurement Perimeter and area
Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1000000. Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000 . Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero. Solve number problems and practical problems that involve all of the above. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.	Add and subtract numbers mentally with increasingly large numbers. Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction). Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.	Solve comparison, sum and difference problems using information presented in a line graph.	Complete, read and interpret information in tables including timetables	Multiply numbers up to 4 digits **(HTU x U, ThHTU x U)** by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers. Divide numbers up to 4 digits (**HTU÷U)** by a one digit number using the formal written method of short division and interpret remainders appropriately for the context. Multiply and divide numbers mentally drawing upon known facts. Multiply and divide whole numbers by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3) Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.	Measure and calculate the perimeter of composite rectilinear shapes in cm and m. Calculate and compare the area of rectangles (including squares), and including using standard units, cm2, m2 estimate the area of irregular shapes. **Y6 use simple formulae** **Y6 recognise when it is possible to use formulae for area of shapes**

Year 5 Spring Term Planning (13 weeks)

Week 1, 2 & 3 Number Multiplication & Division	Week 4 & 5 Number Fractions & Decimals	Week 6 & 7 Number Fractions	Week 8 & 9 Number fractions	Week 10 & 11 Number Decimals & Percentages	Week 12 & 13 Measure Converting units
Establish whether a number up to 100 is prime and recall prime numbers up to 19 **Y6 generate and describe linear number sequences** Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers Multiply numbers up to 4 **(HTO xTO, ThHTO x TO**) digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers. Divide numbers up to 4 **(ThHTO ÷ O)** digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.	Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.	Read and write decimal numbers as fractions [for example 0.71 = 71100] Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. Compare and order fractions whose denominators are multiples of the same number.	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 25 + 45 = 65 = 1 15]	Read, write, order and compare numbers with up to three decimal places. Round decimals with two decimal places to the nearest whole number and to one decimal place. Solve problems involving number up to three decimal places. Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal. **Y6 solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360]** 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.	Convert between different units of metric measure [for example, km and m; cm and m; cm and mm; g and kg; l and ml] ***Link to number*** *Multiply and divide whole numbers by 10, 100 and 1000.* Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling Solve problems involving converting between units of time

Year 5 Summer Term Planning (11 weeks)

Week 1 & 2 Number- decimals Addition, subtraction, multiplication & division	Week 3 Number Fractions	Week 4 Number fractions	Week 5 Geometry Properties of shape & Measure	Week 6 Geometry Properties of shape & Measure	Week 7 Geometry Properties of shape	Week 8 & 9 Geometry Position and direction	Week 10 & 11 Statistics
Y6 use their knowledge of the order of operations to carry out calculations involving the 4 operations Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling. **Y6 divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division,** **Y6 use written division methods in cases where the answer has up to 2 decimal places b(1dp)**	Add and subtract fractions with the same denominator and denominators that are multiples of the same number.	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	Identify 3D shapes, including cubes and other cuboids, from 2D representations. **Y6 Calculate, estimate and compare volume of cubes** Link to measure Estimate volume [for example using 1cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water]	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Use the properties of rectangles to deduce related facts and find missing lengths and angles. **Y6 solve problems involving similar shapes where the scale factor is known or can be found**	Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees (o) Identify: angles at a point and one whole turn (total 360o), angles at a point on a straight line and ½ a turn (total 180o) other multiples of 90o	Identify describe and represent the position of a shape following a reflection or translation Using the appropriate language and know that the shape has not changed.	Complete, read and interpret information in tables including timetables.