Maths Long Term Plan 2025-26

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summmer 2
Year 1	**Previous Reception Experiences and counting within 100** - Counting, recognising and comparing numbers 0 – 10 - Counting to and from 20 - Counting in tens - decade numbers - Pattern in counting from 20 to 100	**Comparison of quantities and part-whole relationships** **Numbers 0-5** **Recognise 2D and 3D shapes**	**Compose, decompose and manipulate 2D and 3D shapes** **Numbers 0-10** - Composition of numbers 6 to 10	**Additive structures** - Additive structures: addition - Additive structures: addition and subtraction **Addition and subtraction facts within 10**	**Numbers 0-20** - Composition of numbers 11 to 19 - Numbers 0 to 20 in different contexts **Unitising and coin recognition** - counting in 2s, 5s and 10s	**Unitising and coin recognition** - value of a set of coins **Solving problems in a range of contexts** **Position and Direction** including fractions of turns **Time** - sequencing events and telling the time to the hour and half hour
Year 2	**Numbers 10-100** - Composition of multiples of 10 - Counting and representing the numbers 20 to 99 - Comparing, ordering and partitioning 2-digit numbers - Secure fluency of addition and subtraction facts within 10 **Calculations within 20**	**Addition and subtractions of two-digit numbers** **Intro to multiplication** - Grouping objects in different ways and relating to multiplication - Representing counting in 2s, 5s and 10s as the 2, 5 and 10 times tables	**Intro to multiplication** - Representing counting in 5s as the 5 times table and link to the 10 times tables **Intro to division structures**	**Shape** **Addition and subtraction of two-digit numbers**	**Money** **Fractions** **Time** **Position and Direction**	**Multiplication and Division – doubling, halving, quotative and partitive** **Capacity, Volume, Mass**
Year 3	**Adding and Subtracting across 10** - Review strategies for adding and subtracting across 10 - Securing place value to 100 and applying to addition and subtraction - Bridging 100: counting on and back in 10s, adding/subtracting multiples of 10 **Measuring length and recording in tables** **Numbers to 1000**	**Numbers to 1000 (cont)** - Representing 3-digit numbers, comparing and positioning on number lines - Measures: mass and capacity	**Right angles** **Manipulating the additive relationship and securing mental calculation** - Informal and mental strategies for adding and subtracting two 3-digit numbers - Understand additive relationships and apply them to rearrange equations	**Column addition** **2, 4, 8 times tables** **Column subtraction**	**Unit fractions** - Unit fractions as part of a whole - Identify parts and wholes in different contexts - Compare and order unit fractions - Calculate the value of a part (fractions as operators)	**Non-unit fractions** - Non-unit fractions - Composition of non-unit fractions: addition and subtraction **Parallel and perpendicular lines in polygons** **Time**

Year 4	**Review of column addition and subtraction** **Numbers to 10,000** - Secure place value to 1000: apply to addition and subtraction: multiples of 100 - Calculation and conversion of measures - Comparing, ordering and rounding 4-digit numbers - Column addition and subtraction with 4-digit numbers	**Perimeter** **3, 6, 9 times tables** - Represent counting in threes and sixes as the 3 and 6 times tables -Relationship between the 3 and 6 times tables and tests of divisibility - Represent counting in nines as the 9 times table -Relationship between the 3 and 9 times tables	**7 times table and patterns** - 7 times table: odd and even patterns, square numbers and tests of divisibility **Understanding and manipulating multiplicative relationships** - Understand and represent multiplicative structures - Apply the distributive law to multiplication	**Understanding and manipulating multiplicative relationships** - Understand what happens when a number is multiplied or divided by 10 and 100 **Coordinates**	**Review of fractions** **Fractions greater than 1** - Composition of fractions greater than one - Compare and order mixed numbers and position on a number line - Addition and subtraction of fractions and mixed numbers (within a whole) - Convert improper fractions to mixed numbers and vice versa - Efficient strategies for adding and subtracting mixed numbers (crossing a whole)	**Symmetry in 2D shapes** **Money** **Time** **Division with remainders**
Year 5	**Decimal fractions** - Understand tenths as part of a whole, represent and calculate mentally - Compose and calculate with decimals including column addition and subtraction - Understand hundredths as parts of a whole and represent - Use knowledge of decimals to solve problems in different contexts: length **Negative Numbers**	**Short multiplication and division** - Multiplication by partitioning leading to short multiplication (2 by 1-digit) - Multiplication by partitioning leading to short multiplication (3 by 1-digit) - Division by partitioning leading to short division (2 and 3-digits by 1-digit)	**Area and scaling** - Understand the concept of area - Link area of rectangles to multiplication - Compare and describe measurements using knowledge of multiplication and division **Calculating with decimal fractions**	**Calculating with decimal fractions** **Factors, multiples and primes** - Multiply 3 or more numbers (commutative and associative laws) - Understand and use the concept of factorisation (square and prime numbers) - Use common factors and multiples to solve calculations efficiently	**Fractions** - Multiply a proper fraction by a whole number - Multiply improper fractions and mixed numbers by a whole number - Find unit and non-unit fractions of whole numbers exploring parts and wholes - Comparing fractions using equivalence and decimals	**Converting units** **Angles** - Angles: compare, name, estimate and measure angles **Volume**
Year 6	**Multiples of 1,000** **Numbers up to 10,000,000** - Understand place value within numbers with up to 7 digits - Order, compare and calculate with numbers up to 8 digits - Rounding and solving problems with numbers up to 7 digits	**Order of operations** **Multiplication and Division** - Using equivalence to calculate - Multiplying and dividing by 2-digit numbers **Area, perimeter, position and direction**	**Fractions and percentages** - Addition and subtraction of fractions - Comparing fractions - Multiplication and division of fractions - Understanding percentages	**Ratio and proportion** **Solving problems with two unknowns** **Statistics**	**Mean average** **Calculating using knowledge of structures** - Use knowledge of part-part-whole structure to solve additive problems **Consolidation** **KS2 Tests**	**Calculating using knowledge of structures** - Use equivalence and compensation to simplify and solve addition calculations - Use equivalence and compensation to simplify and solve subtraction problems **Draw, compose and decompose shapes**