Maths Yearly Overview 2025-26 Year 6

	Autumn 1 1.1 (8 weeks)	Autumn 2 1.2 (7 weeks)	Spring 1 2.1 (6 weeks)	Spring 2 2.2 (5 weeks)	Summer 1 3.1 (6 weeks)	Summer 2 3.2 (7 weeks)
Week 1	**Place Value** Read, write, order and compare numbers to 10,000,000 and determine the value of each digit. **Maths meetings-** Counting forwards and backwards to 1 million. Counting in decimals Times Tables (all half term) Factors Counting – backwards through zero to negative numbers.	**Four Operations** Use their knowledge of the order of operations to carry out calculations using the four operations Perform mental calculations including mixed operations and large numbers Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. **Maths meetings** Recap primes, factors, multiples Counting – in litres	**Fractions, decimals and percentages** Solve problems which require answers to be rounded to specified degrees of accuracy. Recall and use equivalences between simple fractions, decimals and percentages in different contexts. **Maths meetings:** conversions of measure, scaled factor Add and subtract fractions Counting – times tables	**Statistics** Interpret and construct pie charts and line graphs and use these to solve problems Calculate the mean as an average **Maths meetings**: areas of weakness for class	Revision	Post SATs Maths Project
Week 2	**Continue with Week 1 if needed** **<u>Place value</u>** Read, write, order and compare numbers to 10,000,000 and determine the value of each digit. Round any whole number to a degree of accuracy	**Fractions** Use common factors to simplify fractions; use common multiples to express fractions in the same denomination. Compare and order fractions including fractions greater than 1.	**Fractions, decimals and percentages** Solve problems which require answers to be rounded to specified degrees of accuracy. Recall and use equivalences between simple fractions, decimals	**Measures** Solve problems involving the calculation and conversion of units of measure using decimal notation up to 3 decimal places where appropriate	Revision	Post SATs Maths Project

	Negative numbers calculate intervals across zero. Solve problems relating to negative numbers **Maths meetings** Multiples and common multiples, multiply and divide by 10 and 100. Counting in decimals	**Maths meetings** 4 operations Multiply by 10, 100 and 1000 Identify place value of each digit (decimals) Counting in grams	and percentages in different contexts. **Maths meetings:** Multipy and divide fractions 4 operations Counting – times tables	Use, read, write and covert between standard units converting measurements of length, mass, volume and time from a small unit of measure to a large unit and vice versa, using decimal notation to up to 3 decimal places. Convert between miles and kilometres. **Maths meetings:** Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Four operations		
Week 3	**Addition + Subtraction** Revision of addition and subtraction Solve addition and subtraction multistep problems in context deciding which operation and methods to use and why. **Maths meetings** Square and cube numbers Prime numbers Counting in decimals	**Fractions** Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. . **Maths meetings:** Percentages – 50, 25 and 10 Long division and multiplication. Counting in kg	**Ratio and proportion** Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts. Solve problems involving a calculation of percentages (for example, of measures such as 15% of 360) and the use of percentage for comparison.	**Area, perimeter and volume** Recognise that shapes with the same areas can have different perimeters and vice versa. Recognise when it is possible to use formulae for area and volume of shapes. Calculate the area of parallelograms and triangles	Revision	Post SATs Maths Project

			Maths meetings: Time, area and perimeter, fractions add and subtract Counting – fractions	Calculate, estimate and compare the volume of cubes and cuboids using standard units including cubic centimetres (cm3) and cubic metres (m3) and extending to other units (for example mm3 and km3) **Maths meetings:** percentages – 10%, 25%, 50%, 5% Find percentage of amounts Ordering numbers		
Week 4	**Multiplication** **Factors and multiples** Identify common factors and multiples and prime numbers **Maths meetings** Conversions of units of measure (recap Y5) Time Counting – 25s, 50s, 100s, 1000s	**Fractions** Multiply simple pairs of proper fractions writing the answer in its simplest form Divide proper fractions by whole numbers **Maths meetings:** Multiply and divide by 10/100/1000 Coordinates 1 quadrant Count in cm	**Ratio and proportion** Solve problems involving similar shapes where the scale factor is known or can be found. Solve problem involving unequal sharing and grouping using knowledge of fractions and multiples Decimals up to 2dp/3dp (revision) Multiply and divide by 10/100 and 1000 Fraction to decimals	**Geometry** Draw 2D shapes using given dimensions and angles. Recognise, describe and build simple 3D shapes including making nets. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Illustrate and name parts of circles, including radius, diameter and circumference and	Revision	Post SATs Maths Project

			Recap add/sub/divide/multiply fractions **Maths meetings:** Fractions, quadrants 4 operations, fraction arithmetic Counting – fractions .	know that the diameter is twice the radius. **Arithmetic** Maths meetings: Arithmetic only		
Week 5	**Multiplication** Square and cubed numbers **Maths meetings** Area and Perimeter recap Y5 Roman numerals Monday: common factors Counting – multiples of 10s, 100s, 1000s up to 1mil	**Fractions** Associate fractions with division and calculate decimal fraction equivalents Fraction of an amount (recap) **Maths meetings:** scaled factor, prime numbers, factors, multiples Count in m	**Algebra** Use simple formulae. Generate and describe linear number sequences. Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with two unknowns. Enumerate possibilities of combinations of two variables. **Maths meetings:** fractions recap- order, greater than/less than Counting backwards - TBC	**Geometry** Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. Describe positions on the full coordinate grid (all four quadrants) Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. **Maths meetings:** Arithmetic all Calculate and interpret the mean as an average.	Revision	Post SATs Maths Project

Week 6	**Number – Multiplication** Multiply multi-digit numbers up to 4 digits by a 2-digit whole number using the formal written method of long multiplication. Solve problems involving multiplication **Maths meetings** Days of the week/days in months/year etc Recognise acute, obtuse, etc Missing angles Counting – multiples of 10s, 100s, 1000s up to 1mil	**Decimals** Associate a fraction with division and calculate the decimal fraction equivalent (for example 0.375) for a simple fraction (for example 3/8). Identify the value of each digit in numbers given for 3 decimal places and multiply and divide numbers by 10, 100 and 1000, giving answers up to 3 decimal places. **Maths meetings**: Recap 4 operations Negative numbers, rounding ,ratio Counting – negative numbers	**Algebra** Use simple formulae. Generate and describe linear number sequences. Express missing number problems algebraically. Find pairs of numbers that satisfy an equation with two unknowns. Enumerate possibilities of combinations of two variables. **Maths meetings:** arithmetic – multiplication and division, multiply and dividing fractions 2D shapes and properties		Post SATs Maths Project	Post SATs Maths Project
Week 7	**Division** Divide numbers up to 4 digits by 2 digits using the formal written method of short division where appropriate, interpreting remainders according to the context Solve problems involving division **Maths meetings** Days of the week/days in months/year etc Recognise acute, obtuse, etc Missing angles	**Decimals** Multiply one-digit numbers with up to two decimal places by whole numbers. Use written division methods in cases where the answer has up to two decimal places. **Maths meetings:** Recap 4 operations, multiply divide by 10, 100, 1000 Counting – negative numbers				Post SATs Maths Project

	Counting – times tables – TBC					
Week 8	**Division** Divide numbers up to 4 digits by 2 digits using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. Solve problems involving division **Maths meetings:** Identify 2D and 3D shapes and their properties Square and cubed numbers Long multiplication and division Counting in millilitres					