Maths Yearly Overview 2026-27 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 (7 weeks)	Summer 2 3.2 (6 weeks + 2 days)
Week 1	**Place Value** Read, write, order and compare numbers to 10,000,000 and determine the value of each digit. **Maths meetings-** Place value to 5 digits (y5) Quick recall of number bons to 10, 20 and 100. Counting – Counting forwards and backwards to 1 million. Times Tables (all half term)	**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 areas of arithmetic – addition, subtractions, multiplication. Counting – Count in multiples of 6, 7, 8, 9, 12	**Ratio and Scale Factor** 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 unequal sharing and grouping using knowledge of fractions and multiples Solve problems involving similar shapes where the scale factor is known or can be found **Maths meetings:** conversions of measure, Reading time Counting – times tables	**Fractions, decimals and percentages** Use common factors to simplify fractions; use common multiples to express fractions in the same denomination Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction **Maths meetings**: areas of weakness for class Recap roman numerals Counting: Fractions	**Geometry** **Angles** **Recap year 5** Draw given angles, and measure them in degrees (°) (Y5) • Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles (Y5) Y6- Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. Maths meetings: BODMAS	Post SATs Maths Project

					Counting – Times Tables	
Week 2	**Continue with Week 1 if needed** **<u>Place value</u>** Round any whole number to a degree of accuracy 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: Count in 10s, 100s and 1,000s across boundaries Counting backwards through zero.	**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. **Maths meetings** 4 operations Multiply by 10, 100 and 1000 Identify place value of each digit (decimals) Counting in fractions	**Algebra** Use simple formulae Generate and describe linear number sequences Find pairs of numbers that satisfy an equation with two unknowns **Maths meetings:** Multipy and divide fractions 4 operations Counting – times tables	**Fractions, decimals and percentages** Compare and order fractions, including fractions Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts Solve problems involving the calculation of percentages and the use of percentages for comparison Maths meetings: Areas of arithmetic Names of 3D shapes	**Geometry** Recognise, describe and build simple 3-D shapes, including making nets Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius Maths meeting: BODMAS Arithmetic Counting: Times Tables	Post SATs Maths Project
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, Factors	**Fractions** Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. . **Maths meetings:** Percentages – 50, 25 and 10	**Algebra** Express missing number problems algebraically Find pairs of numbers that satisfy an equation with two unknowns Enumerate possibilities of combinations of two variables.	**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	**Geometry** 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.	Post SATs Maths Project

	Counting: Count forwards in 25s, 50s, 100s	Long division and multiplication. Counting in fractions – ¼,	**Maths meetings:** Time, area and perimeter, fractions add and subtract Counting – times tables	formulae for area and volume of shapes. **Maths meetings:** percentages – 10%, 25%, 50%, 5% Find percentage of amounts Ordering numbers Counting: 25s, 50s	Maths meetings: Recap 2D shapes Percentages of amounts %, dec and fraction Counting: Times Tables	
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 – forwards in 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 multiples of 7, 8 and 9	**Decimals** Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places Solve problems which involve answers to be rounded to a specified degree of accuracy. **Maths meetings:** Fraction arithmetic 2D shape names Counting – fractions .	**Area, Perimeter and volume** Calculate the area of parallelograms and triangles 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: Areas of arithmetic Timetables Counting: Counting in minutes e.g. 5 past, 10 past, quarter past	Revision	Post SATs Maths Project

Week 5	**Multiplication** Square and cubed numbers **Maths meetings** Area and Perimeter recap Y5 Roman numerals 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	**Decimals** Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places Multiply 1-digit numbers with up to 2 decimal places by whole numbers **Maths meetings:** fractions recap- order, greater than/less than Counting – 25s, 50s,	Statistics Recap line graphs (Y4) Interpret and construct pie charts and line graphs and use these to solve problems Calculate and interpret the mean as an average. Maths meetings Arithmetic – fractions Counting: Fractions	SATs	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	**Measures** Solve problems involving the calculation and conversion of units of measure using decimal notation up to 3 decimal places where appropriate 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.	**Decimals** Use written division methods in cases where the answer has up to 2 decimal places Solve problems involving addition, subtraction, multiplication and division **Maths meetings:** arithmetic – multiplication and division, multiply and dividing fractions 2D shapes and properties recap		Post SATs Maths Project	Post SATs Maths Project

		Maths meetings: Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Four operations Counting - Count in multiples of 6, 7, 8, 9, 12	Counting - Count in multiples of 6, 7, 8, 9, 12			
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 Counting – times tables					Post SATs Maths Project
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 25s, 50s					