

Year 6 2024 - 2025

Autumn Term

Wk 1 2.9.24	Wk 2 9.9.24	Wk 3 16.9.24	Wk 4 23.9.24	Wk 5 30.9.24	Wk 6 7.10.24	Wk 7 14.10.24	Wk 8 21.10.24	H T	Wk 9 4.11.24	Wk 10 11.11.24	Wk 11 18.11.24	Wk 12 25.11.24	Wk 13 2.12.24	Wk 14 9.12.24	Wk 15 16.12.24
Induction Week	Number Place Value. Four operations incl. decimals and money					SATs Week	Number Four operations incl. decimals and money		Number Fractions. Percentages. FDP. Ratio and Proportion				SATs Week	Statistics Data Handling	

Spring Term

Wk 1 6.1.25	Wk 2 13.1.25	Wk 3 20.1.25	Wk 4 27.1.25	Wk 5 3.2.25	Wk 6 10.2.25	H T	Wk 7 24.2.25	Wk 8 3.3.25	Wk 9 10.3.25	Wk 10 17.3.25	Wk 11 24.3.25	Wk 12 31.3.25	Wk 13 7.4.25
Number Algebra		Measure Converting Units	Measure Area, Perimeter and Volume				Measure Area, Perimeter and Volume	Measure Translation, Reflection, Scale Factor and Time		Geometry Properties of Shape Position and Direction Angles		SATs Week*	Revision

Summer Term

Wk 1 28.4.25	Wk 2 5.5.25	Wk 3 12.5.25	Wk 4 19.5.25	H T	Wk 5 2.6.25	Wk 6 9.6.25	Wk 7 16.6.25	Wk 8 23.6.25	Wk 9 30.6.25	Wk 10 7.7.25	Wk 11 14.7.25
Revision		SATs									Consolidation

- Statistics to be covered through other subjects across the academic year.
- If you wish to make any changes to your LTP, please speak to LH.

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Strand	Year 6 Objective	Covered
Number and Place Value	Read, write, order and compare numbers up to 10, 000, 000 and determine the value of each digit	
	Round any whole number to a required degree of accuracy	
	Use negative numbers in context, and calculate intervals across zero	
	Solve number and practical problems that involve all of the above.	

Strand	Year 6 Objective	Covered
Number - Addition, Subtraction, Multiplication and division	Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	
	Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division	
	Interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context	
	Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	
	Perform mental calculations, including with mixed operations and large numbers	
	Identify common factors, common multiples and prime numbers	
	Use their knowledge of the order of operations to carry out calculations involving the four operations	
	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	
	Solve problems involving addition, subtraction, multiplication and division	
Use estimation to check answers and determine, in the context of a problem, an appropriate degree of accuracy		

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Strand	Year 6 Objective	Covered
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 the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison	
	Solve problems involving similar shapes where the scale factor is known or can be found	
	Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	

Strand	Year 6 Objective	Covered
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	

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Strand	Year 6 Objective	Covered
Fractions, Decimals and Percentages	Use common factors to simplify fractions; use common multiples to express fractions in the same denomination	
	Compare and order fractions, including fractions > 1	
	Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	
	Multiply simple pairs of proper fractions, writing the answer in its simplest form	
	Divide proper fractions by whole numbers	
	Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction [for example, $0.375 = 3/8$]	
	Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places	
	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	
	Solve problems which require answers to be rounded to specified degrees of accuracy	
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Strand	Year 6 Objective	Covered
Measure and Converting Units	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate	
	Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places	
	Convert between miles and kilometres	
	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	
	Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm ³) and cubic metres (m ³), and extending to other units (for example, mm ³ and km ³)	

Strand	Year 6 Objective	Covered
Geometry - Shape	Draw 2-D shapes using given dimensions and angles.	
	Recognise, describe and build simple 3-D 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 know that the diameter is twice the radius	
	Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.	

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Strand	Year 6 Objective	Covered
Geometry - Position and Direction	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	

Strand	Year 6 Objective	Covered
Statistics/Data handling	Interpret and construct pie charts and line graphs and use these to solve problems	
	Calculate and interpret the mean as an average.	