

Year 6 Maths Long Term Plan 2023 -2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	<u>Place Value</u> Recap numbers to 100,000 Recap numbers to 1 million Compare and order any numbers	<u>Place Value</u> Round numbers to 10, 100, 1000 Round any number Negative numbers	<u>Calculation</u> Recap add whole numbers with more than 4 digits (column method) Recap subtract whole numbers with more than 4 digits (column method) Inverse operations	<u>Calculation</u> Recap multi-step addition and subtraction problems Add and subtract integers	<u>Calculation</u> Recap multiply 4-digits by 1-digit Recap multiply 2-digits by 2-digits Multiply up to a 4-digit number by a 2-digit number	<u>Calculation</u> Recap Divide 4-digits by 1-digit Recap Divide with remainders Short division	<u>Calculation</u> Long division Using and applying multiplication and division
Autumn 2	<u>Calculation</u> Common factors Common multiples Primes to 100 Square and cube numbers	<u>Calculation</u> Orders of operation Mental calculations and estimation	<u>Fractions</u> Recap equivalent fractions Simplify fractions	Assessment Week	<u>Fractions</u> Recap improper fractions to mixed numbers Recap mixed numbers to improper fractions	<u>Fractions</u> Fractions on a number line Compare and order fractions based on their numerator and denominator	<u>Fractions</u> Add and subtract fractions
Spring 1	<u>Fractions</u> Recap add mixed numbers Recap subtract mixed numbers	<u>Fractions</u> Multiply fractions by integers Multiply fractions by fractions Divide fractions by integers	<u>Fractions</u> Fraction of an amount Fraction of an amount - find the whole	<u>Decimals</u> Three decimal places Multiply by 10, 100, 1000 Divide by 10, 100, 1000	<u>Decimals</u> Multiply decimals by integers Divide decimals by integers	<u>Decimals</u> Fractions to decimals	
Spring 2	<u>Percentages</u> Understanding percentages Equivalent FDP Order FDP	<u>Percentages</u> Percentage of an amount Percentages-missing values	<u>Position and Direction</u> The first quadrant Four quadrants Translations	Assessment Week	<u>Algebra</u> Find a rule – one step Find a rule – two step	<u>Algebra</u> Substitutions Formulae Forming equations	

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			Reflections		Forming expressions		
Summer 1	<u>Algebra</u> Solve simple one-step equations Solve two-step equations Find pairs of values	<u>Area and Perimeter</u> Area and perimeter Area of a triangle Area of a parallelogram	<u>Volume</u> What is volume? Volume of a cuboid	<u>Ratio and Proportion</u> Ratio and fractions Calculating ratio factors Ratio and proportion problems	SATs Week		
Summer 2	<u>Statistics</u> Read and interpret line graphs Draw line graphs Use line graphs to solve problems	<u>Statistics</u> Read and interpret pie charts Pie charts with percentages Draw pie charts The mean	Assessment Week	<u>Properties of Shape</u> Recap properties of 2D shapes Recap properties of 3D shapes Measure with a protractor Draw lines and angles accurately	<u>Properties of Shape</u> Angles in a triangle Angles in a quadrilateral Angles in a regular polygon	<u>Properties of Shape</u> Nets of 3D shapes	<u>Consolidation Tasks</u>