Year 6 Maths Annual Overview 2024-2025

Autumn 1 - 8 weeks	Autumn 2 - 8 weeks	Spring 1 - 6 weeks	Spring 2 - 7 weeks	Summer 1 - 4 weeks	Summer 2 – 5 weeks
Place Value - 2 weeks	SATs Papers- 1 week with	Algebra – 1 weeks	Area, perimeter and	SAT's preparation and	White Rose Investigations
 Numbers to 1,000,000 and 10,000,000 Powers of 10 Compare and order integers Rounding integers Negative Numbers Addition, subtraction, multiplication and division - 5 weeks Add and subtract integers Common factors and multiples Rules of divisibility Primes to 100 Square and cubed numbers Multiply 4 digit by 2 digit number Solve problems with multiplication Short division Division using factors Long division Solve problems using division Solve multistep problems 	revision beforehand. Fractions - 1 week Adding and subtracting fractions Add mixed numbers Subtract mixed numbers Multi-step problems Fractions - 2 weeks Multiplying fractions by integers and fractions Dividing fractions by integers Mixed questions with fractions Fractions of an amount Converting Units - 1 week Converting and calculating metric measures Miles and kilometres Imperial measures Ratio - 2 weeks Use ratio language Ratio and fractions Scale drawing Use scale factors	 1 and 2 step function machines Substitutions Formulae Form equations Solve 1 and 2 step equations Find pairs of values Solve problems with two unknowns Decimals - 2 weeks Place value within 1 Place value - integers and decimals Round decimals Add and subtract decimals Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiply decimals by integers Divide decimals and percentages - 2 week Decimal and fraction equivalents Fractions as division Understand percentages Fractions to percentages 	 volume - 2 weeks Shapes - same area Area and perimeter Area of a triangle - counting squares Area of a right-angled triangle Area of any triangle Area of a parallelogram Volume - counting cubes Volume of a cuboid Statistics - 2 weeks Line graphs Dual bar charts Read and interpret pie charts Pie charts with percentages Draw pie charts The mean Shape - 2 weeks 	revision. SATs tests	 Barvember and problems of the day. WRM Tours The bakery

 Order of operations Mental calculations and estimation Reason from known facts Fractions - 1 week Equivalent fractions, simplifying and on a number line Comparing and ordering fractions 	 Similar shapes Ratio problems Proportion Algebra - 1 weeks 1 and 2 step function machines Substitutions Formulae Form equations	 Equivalent fractions, decimals and percentages Order fractions, decimals and percentages Percentage of an amount - one step, multi-step, missing values Consolidation and mental maths strategies for SATs 1 week 		