Year 6

Autumn NB- Autumn Term is 15 weeks, therefore extend 4 ops strands	**Multplication facts** **Bonds using decimals to 1dp**	**Number: Place Value** Revise all NC objectives	**Multiplication and Division** Factors, multiples, prime numbers X powers of 110 4 digit x 2 digit 4 digit ÷ 2 digit BIDMAS (if secure)	**Measurement** Area and Perimeter Volume	**Measure** Converting units of measure	**Addition and Subtraction** Word problems All methods Revise all NC objectives
Include measurement – all contexts Reasoning and problem solving			Include measurement – all contexts Reasoning and problem solving	Include measurement – all contexts Reasoning and problem solving		Reasoning and problem solving

Spring	**Fractions** Simplifying fractions Comparing fractions Add and subtract with different denominators Multiplying proper fractions Dividing proper fractions by a whole number	**Decimals, percentages** Equivalents Parts of whole shape, quantity compare and order	**Ratio and Proportion** Problem solving involving: Missing values (x and ÷) Calculation of percentages Shapes and scale factors Fractions and multiples	**Statistics** Pie charts Line graphs Mean, median, mode, range	**Geometry: Position and Direction** Position in all 4 quadrants **Translation** **Reflection**
Include measurement – all contexts Reasoning and problem solving		Include measurement – all contexts Reasoning and problem solving	Include measurement – all contexts Reasoning and problem solving	Include measurement – all contexts Reasoning and problem solving	Reasoning and problem solving

Summer	**Geometry** Properties of 2d and 3d shapes	**Algebra** Simple formulae Generate and describe linear sequences	**Multi-step problems** **All contexts**	SATs	**Algebra** Generate and describe linear sequences Express missing number problems algebraically Find pairs of numbers that satisfy an equation with 2 unknowns	**Properties of Number** Sequences – triangular numbers, fiboanacci Maths through art
Include measurement – all contexts Reasoning and problem solving		Include measurement – all contexts Reasoning and problem solving	Reasoning and problem solving Include measurement – all contexts		Reasoning and problem solving	Include measurement – all contexts Reasoning and problem solving