

Year 6

Autumn NB- Autumn Term is 15 weeks, therefore extend 4 ops strands	Number: Place Value Read write 10 million Round any number Neg numbers in context Problem solve Multiplication/division – powers of 10	Measure Converting units of measure Length mass Problem solve measure X ÷ powers of 10	Addition and Subtraction All methods Solve multi-step problems in context Mental calculations estimate	Multiplication and Division Factors, multiples, prime numbers BIDMAS Revise 4 digit x 1 digit 4 digit ÷ 1 digit Use decimals in multiplication and division Mental calculations	Fractions Simplifying fractions Comparing fractions Add and subtract with different denominators Multiplying proper fractions Dividing proper fractions by a whole number	Multiplication and Division 4 digit x 2 digit 4 digit ÷ 2 digit
Include measurement – all contexts Reasoning and problem solving						
Spring	Decimals, percentages Equivalents Parts of whole shape, quantity compare and order	Geometry: Position and Direction Position in all 4 quadrants Translation Reflection Nets of 3D shapes	Algebra Simple formulae Generate and describe linear sequences Generate and describe linear sequences Express missing number problems algebraically Find pairs of numbers that satisfy an equation with 2 unknowns	Measurement Area and Perimeter Volume	Ratio and Proportion Problem solving involving: Missing values (x and ÷) Calculation of percentages Shapes and scale factors Fractions and multiples	Measurement Angles around a point Intersecting lines
Include measurement – all contexts Reasoning and problem solving						
Summer	Geometry Properties of 2d and 3d shapes Angles in 2D shapes	Statistics Pie charts Line graphs Mean	SATs	Consolidation Maths problems		

	Parts of a circle			
Include measurement – all contexts Reasoning and problem solving				