

Brompton Hall

Maths Long Term Plan Overview

Autumn	1	2	3	4	5	6	7	8	9	10	11	12
Y1	Number: Place value (within 10)			Addition & subtraction (within 10)					Geometry Shape	Place value (within 20)		
Y2	Number: Place value		Number: Addition & subtraction					Measurement: Money		Number Multiplication & division	Consolidation	
Y3	Number: Place Value			Number: Addition & subtraction				Number: Multiplication and division				
Y4	Number: Place Value			Number: Addition & subtraction			Measurement: Length & perimeter		Number: Multiplication & division			
Y5	Number: Place value		Number: Addition & subtraction		Statistics		Multiplication & division	Perimeter & area				
Y6	Place value	Addition, subtraction, multiplication & division				Fractions					Geometry Position & direction	
Y7	Algebraic Thinking					Place Value & Proportion						
	Sequences	Understand & use algebraic notation		Equality & equivalence		Place value and ordering integers and decimals			Faction, decimal and percentage equivalence			
Y8	Proportional Reasoning					Representations						
	Ratio and scale	Multiplicative change		Multiplying and dividing fractions		Working in the Cartesian plane			Representing data			
Y9	Reasoning with Algebra					Constructing in 2 and 3 Dimensions						
	Straight line graphs	Forming and solving equations		Testing conjectures		Three dimensional shapes			Constructions & congruency			
Y10	Similarity					Developing Algebra						
	Congruence, similarity and enlargement		Trigonometry			Representing solutions of equations and inequalities			Simultaneous equations			
Y11	Algebraic Thinking					Place Value & Proportion						
	Gradients and lines	Non-linear graphs		Using graphs		Expanding and factorising		Changing the subject				

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Spring	1	2	3	4	5	6	7	8	9	10	11	12
Y1	<i>Consolidation</i>	Addition & subtraction (within 20)			Place value (within 50)			Length & height		Weight & volume		<i>Consolidation</i>
Y2	Multiplication & division				Statistics		Properties of shape		Fractions			
Y3	Multiplication & division			Measurement <i>Money</i>	Statistics		Length & perimeter			Fractions		<i>Consolidation</i>
Y4	Multiplication & division			Measurement <i>Area</i>	Fractions				Decimals			<i>Consolidation</i>
Y5	Multiplication & division			Fractions				Decimals & percentages			<i>Consolidation</i>	
Y6	Decimals		Percentages		Algebra		Measurement Converting units	Perimeter, area & volume		Ratio		Statistics
Y7	Application of Number					Directed Number			Fractional Thinking			
	Solving problems with addition and subtraction		Solving problems with multiplication and division		Fractions & percentages of amounts	Four operations with directed number			Addition and subtraction of fractions			
Y8	Algebraic techniques					Developing Number						
	Brackets equations and inequalities				Sequences	Indices	Fractions and Percentages			Standard index form	Number sense	
Y9	Reasoning with Number					Reasoning with Geometry						
	Numbers		Using percentages		Maths and money		Deduction		Rotation and translation		Pythagoras' Theorem	
Y10	Geometry					Proportions and Proportional Change						
	Angles and bearings		Working with circles		Vectors		Ratios and fractions		Percentages and interest		Probability	
Y11	Reasoning					Revision and Communication						
	Multiplicative		Geometric		Algebraic		Transforming and constructing			Listing & describing	Show that...	

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Summer	1	2	3	4	5	6	7	8	9	10	11	12
Y1	Consolidation	Multiplication & division			Fractions		Geometry Position & direction	Place value (within 100)		Money	Measurement Time	
Y2	Length & height		Position & direction		Consolidation & problem solving		Time		Mass, capacity & temperature			Consolidation
Y3	Fractions			Time			Properties of shape		Mass & capacity			Consolidation
Y4	Decimals		Money		Time		Statistics	Properties of shape		Geometry Position & direction		Consolidation
Y5	Consolidation	Decimals			Properties of shape			Position & direction		Converting units		Measurement Volume
Y6	Properties of shape			Consolidation of SATs prep		Consolidation & themed projects						
Y7	Lines and Angles						Reasoning with Number					
	Constructing, measuring and using geometric notation			Developing geometric reasoning			Developing number sense		Sets and probability		Prime numbers and proof	
Y8	Developing Geometry						Reasoning with Data					
	Angles in parallel lines and polygons			Area of trapezia and circles		Line symmetry and reflection	The data handling cycle				Measures of location	
Y9	Reasoning with Proportion						Representations and Revision					
	Enlargement and similarity		Solving ration and proportion problems		Rates		Probability		Algebraic representation	Revision		
Y10	Delving into Data						Using Number					
	Collecting representing and interpreting data				Non-calculator methods		Types and number of sequences		Indices and roots			
Y11	Revision						Revision					