

Maths lessons overview 2022-23

-Overview subject to change based on the needs of the children/cohort.



Autumn Term								HALF TERM	Autumn Term						
Nursery	Sorting / Number Recognition 1-5								Shape / Number						
Reception	Settling in		Same and different		Number sense 1-3	Number sense 1-5	Number sense 1-8		Number sense 1-8	Number sense 1-10	2D shapes	Patterns	Measuring: height/size	Measuring: capacity (more or less)	
Year 1	Place value Counting <10	Place value Number sense < 10	Addition < 10		Subtraction < 10		consolidation		Place value Number sense < 20	Addition < 20		Subtraction < 20			
Year 2	Place value < 100		Addition < 100: number bonds		Subtraction < 100: number bonds		consolidation		Place value < 100	Addition < 100: Crossing over 10s	Subtraction < 100: Crossing over 10s	Multiplication & division 2x, 5x, 10x			
Year 3	Place value < 1,000		Addition TO + TO		Subtraction TO – TO		consolidation		Place value < 1,000	Addition HTO + TO / HTO + HTO	Subtraction HTO – TO / HTO – HTO	Multiplication & division 2x, 3x, 4x, 5x, 6x, 8x 10x			
Year 4	Place value < 10,000		Addition Formal written method		Subtraction Formal written method		consolidation		Place value < 100,000 Rounding	Addition Problem solving & reasoning	Subtraction Problem solving & reasoning	Multiplication & division 2x, 3x, 4x, 5x, 6x, 7x, 8x, 9x, 10x, 11x, 12x			
Year 5	Place value < 100,000 Inc. decimals		Addition Inc. decimal numbers		Subtraction Inc. decimal numbers		consolidation		Place value <1,000,000 Rounding (inc. decimals)	Addition and Subtraction Problem solving & reasoning	Multiplication & division ThHTO x TO and ThHTO ÷ TO		Primes, factors, squares & cubes		
Year 6	Place Value <100,000	Reading decimals numbers/ comparing ordering values	Addition & subtraction of whole numbers	Multiplication of whole and decimals/ Powers of 10	Division of whole and decimals/ Powers of 10	Consolidate/ revise place value	consolidation	Fractions-equivalent fractions/ improper	Fractions-adding and subtracting	Fractions Multiply a fraction by a whole number Multiply a fraction by a fraction	Fractions- Divide fractions- whole/ fractions	Percentages Percentages of an amount	Percentages Percentages of an amount	Equivalents of fractions/ percentages/ decimals	

Maths lessons overview 2022-23

		Spring Term						HALF TERM	Spring Term						Easter Holidays	
Nursery		Data Handling								Time			Money			
Reception	Number Recognition 1-20	Measure	More or Less		Shape					Number Recognition 1-20	Shape		Addition	Subtraction		Number Recognition 1-20
Year 1	Place value < 20	Exploring calculation strategies < 20			Multiplication and division 2x, 5x 10x					Place value < 50	Addition and subtraction < 50		Doubling & halving	Fractions		Shapes and patterns
Year 2	Place value < 100	Fractions		Subtraction		Time			Multiplication & division 2x, 5x, 10x		Money		Measures	Data & Graphs		
Year 3	Place value < 1,000	Fractions Unit and non-unit			Multiplication & division 2x, 3x, 4x, 5x, 6x, 8x, 10x, 11x					Time		Money		Measures Length(perimeter), mass & capacity		
Year 4	Place value < 100,000 Negative numbers	Fractions Addition, subtraction, equivalence, improper, mixed nos.			Multiplication & division All facts up to 12 x 12					Time		Money		Measures Area & perimeter		
Year 5	Place value < 1,000,000	Primes, factors, squares & cubes	Fractions, decimals & percentages			Multiplication and Division				Time	Angles Drawing & measuring & reasoning		Shape 2D & 3D			Converting units of measure
Year 6	Time	Data handling	Fractions and Application and Reasoning	Data handling	Application and Reasoning	Geometry - Reflection and Translation			Angles	Algebra	Application and Reasoning	Review and application across range of topics		Application and Reasoning		

		Summer Term						HALF TERM	Summer Term						Consolidation Activities			
Nursery		Place Value								Number Recognition 1-20								
Reception	Number Recognition 1-20	More or Less		Addition					Data Handling	Subtraction	Time	Fractions	Money					
Year 1	Place value < 50	Measures			Time					Place value < 100		Addition and subtraction < 100		Money				
Year 2	Measurement Mass	Shape / Calculation revision		Patterns	Movement / SATS	Money / SATS			Measures		Addition & subtraction Revision		Multiplication & division 2x, 3x, 4x, 5x, 10x					
Year 3	Place value < 1,000	Addition & subtraction Problem solving & reasoning		Shape Properties, angles & lines					Fractions Addition, subtraction & equivalence			Interpreting & presenting data		Multiplication & division 2x, 3x, 4x, 5x, 6x, 8x, 10x, 11x				
Year 4	Place value < 1,000,000	Multiplication & division Formal written method		Shape Symmetry, translation & reflection					Decimals Addition, subtraction, rounding & x/÷ by 10			Interpreting & presenting data		Co-ordinates & plotting		Roman numerals		
Year 5	Place value < 1,000,000 Negative numbers	Area and perimeter		Measures Volume					Shape Missing lengths & angles		Interpreting & presenting data		Co-ordinates			Reflection & translation	Roman numerals	
Year 6	Review and application across range of topics			SATs	Investigative Mathematics tasks					Practical mathematical application								