

Maths lessons overview 2021-22

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

This year overview is intended as a guide and may be adapted, following a discussion with the leadership team, based on the needs of individual year groups.

Autumn Term

w/c	2 nd Sep 2 days	9 th Sep 5 days	16 th Sep 5 days	23 rd Sep 5 days	30 th Sep 5 days	7 th Oct 5 days	14 th Oct 5 days	21 st Oct 5 days	28 th Oct 5 days	4 th Nov 5 days	11 th Nov 5 days	18 th Nov 5 days	25 th Nov 5 days	2 nd Dec 5 days	9 th Dec 5 days	16 th Dec 5 days
Nursery	Number Recognition							HALF TERM	Shape							
Reception	Sorting Same/Different	Number Recognition 1-20		Patterns	Number Recognition 1-20				Measure	Estimation	Number Recognition 1-20		More or Less	Number Recognition 1-20		
Year 1	Place value counting <10	Place value Number sense < 10		Addition < 10		Subtraction < 10			Place value Number sense < 20		Addition < 20		Subtraction < 20			
Year 2	Place value < 100		Addition < 100: number bonds		Subtraction < 100: number bonds				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				Place value < 1,000	Addition HTO + TO / HTO + HTO		Subtraction HTO - TO / HTO - HTO		Multiplication & division 2x, 3x, 4x, 5x, 10x		
Year 4	Place value < 10,000 (inc. negative numbers)		Addition Formal written method		Subtraction Formal written method				Place value < 100,000	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. -ve numbers & roman numerals)		Addition Inc. decimal numbers		Subtraction Inc. decimal numbers				Place value < 1,000,000	Addition Problem solving & reasoning		Subtraction Problem solving & reasoning		Multiplication & division ThHTO x TO and ThHTO ÷ 10		
Year 6	Place value < 1,000,000		Addition, subtraction, multiplication & division				Fractions, decimals & percentages				Addition, subtraction, multiplication & division		Roman numerals			

Spring Term

w/c	6 th Jan 4 days	13 th Jan 5 days	20 th Jan 5 days	27 th Jan 5 days	3 rd Feb 5 days	10 th Feb 5 days	17 th Feb 5 days	24 th Feb 5 days	2 nd Mar 5 days	9 th Mar 5 days	16 th Mar 5 days	23 rd Mar 5 days	30 th Mar 5 days
Nursery	Number Recognition				Data Handling			Number Recognition		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			Time			Place value < 50	Addition and subtraction < 50		Doubling & halving	Fractions	Shapes and patterns
Year 2	Place value < 100		Fractions		Time			Addition & subtraction revision		Money		Measures	Data & Graphs
Year 3	Place value < 1,000	Fractions Unit and non-unit			Time			Multiplication & division 2x, 3x, 4x, 5x, 6x, 8x, 10x, 11x		Money		Measures Length, mass & capacity	
Year 4	Place value < 100,000	Fractions Addition, subtraction, equivalence, improper, mixed nos.			Time			Multiplication & division All facts up to 12 x 12		Money		Measures Area & perimeter	
Year 5	Place value < 1,000,000	Fractions, decimals & percentages			Time			Primes, factors, squares & cubes		Shape 2D & 3D		Measures Area & perimeter	
Year 6	Place value < 1,000,000	Addition, subtraction, multiplication & division			Algebra			Fractions, decimals & percentages		Ratio		Shape & measures	

In addition, content taught through maths meetings revisits and consolidates previous learning and strengthens connections in long-term memory (schema).

Summer Term

w/c	20 th Apr 4 days	27 th Apr 5 days	4 th May 4 days	11 th May 5 days	18 th May 5 days	25 th May 5 days	1 st Jun 4 days	8 th Jun 5 days	15 th Jun 5 days	22 nd Jun 5 days	29 th Jun 5 days	6 th Jul 5 days	13 th Jul 5 days	20 th Jul 2 days	
Nursery	Place Value						HALF TERM	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		Multiplication and division 2x, 5x		Place value < 100		Addition and subtraction < 100			Money				
Year 2	Place value < 1,000	Shape / Calculation revision / SATs		Patterns / SATs	Movement / 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 & \times/\div by 10			Interpreting & presenting data		Co-ordinates & plotting		Roman numerals		
Year 5	Place value < 1,000,000	Converting units of measure		Shape Missing lengths & angles		Measures Volume		Angles Drawing & measuring		Interpreting & presenting data		Reflection & translation		Roman numerals	
Year 6	Place value < 1,000,000	Reflection & translation	Pie charts & the mean	SATs	Statistics	Practical mathematical application									