Mathematics Yearly Overview

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Preschool	Book 1 – Subitising 1 and 2			Book 2 – Subitising 1 to 3		
	Continuous provision of the six key areas: Cardinality and counting, Comparison, Composition, Pattern, Shape and Space, Measures.					
Reception	NCETM Mastering Number Weeks 1-5	NCETM Mastering Number Weeks 6-10	NCETM Mastering Number Weeks 11-15	NCETM Mastering Number Weeks 16-20	NCETM Mastering Number Weeks 21-25	NCETM Mastering Number Weeks 26-30
	NCETM Pattern	NCETM Shape and Space	NCETM Measure	NCETM Pattern	NCETM Shape and Space NCETM Measure	ELG check and all areas Assessment
Year 1	NCETM Mastering Number Weeks 1-5	NCETM Mastering Number Weeks 6-10	NCETM Mastering Number Weeks 11-15	NCETM Mastering Number Weeks 16-20	NCETM Mastering Number Weeks 21-25	NCETM Mastering Number Weeks 26-30
	Counting within 100 Comparison of quantities and measures	Comparison of quantities and part-whole relationships Numbers 0-5 *Time (PoS)*	Recognise, compose, decompose 2D and 3D shapes Numbers 0-10	Additive Structures Addition and subtraction strategies within 10	Numbers 0 - 20 Unitising and coin recognition.	*Position and direction (PoS)* *Measurement (PoS)*
Year 2	Stage 1 & 2 – Quantity Stage 3 & 4 – Consolidation	Stage 5 – Facts and Strategies Across 10	Stage 5 – Facts and Strategies Across 10	Stage 5 – Facts and Strategies Across 10 Stage 6 – Extending Facts and Strategies 2x table	Stage 6 – Extending Facts and Strategies 5x table	Stage 6 – Extending Facts and Strategies Number Sense Consolidation 10x table
	Numbers 10-100 *Compare and order numbers to 100 using symbols (PoS)*	Calculations within 20 Fluently Add and Subtract within 10	Addition and Subtraction of 2-digit numbers (1) Introduction to Multiplication Introduction to Division structures.	Shape Addition and Subtraction of 2-digit numbers (2) Money *(PoS)*	Time *(PoS)* Position and direction *(PoS)* *Fractions (Y1 & 2 PoS)*	*Count in 3s (PoS)* Multiplication and Division Sense of Measure *(PoS)*
Year 3	Number Sense Consolidation	2x, 5x, 10x table Consolidation	4x table	8x table	3x table	6x table
	Adding and subtracting across 10 Numbers to 1,000	Numbers to 1,000 (inc Measures conversions)	Manipulating the additive relationship and securing mental calculation 2, 4, 8 times tables (Spring 1)	Right angles 3, 6, 9 times tables *(Y4 PoS)* *(Y4 PD unit)*	Unit fractions Non-unit fractions	Parallel/perpendicular sides in polygons *(supplement to PD materials for 3D shapes PoS)* Time *(PoS)* *Statistics (PoS)*
Year 4	9x table	11 x and 12x tables	7x table	Squares	Consolidation of 36 facts	Multiplication Test
	NCETM Mastering Number Weeks 1-5	NCETM Mastering Number Weeks 6-10	NCETM Mastering Number Weeks 11-15	NCETM Mastering Number Weeks 16-20	NCETM Mastering Number Weeks 21-25	NCETM Mastering Number Weeks 26-30
	Numbers to 10,000	Perimeter *(Y3 PoS)* Column addition and subtraction *(Y3 PD unit)*	7 times table and patterns Understanding and manipulating multiplicative relationships	Coordinates Types of angles (PoS)	Review of fraction Fractions greater than 1 Symmetry in 2D shapes	Time *(PoS)* Division with remainders Statistics *(PoS)*
Year 5	Consolidation of 36 facts		Mental Arithmetic Number Place Value	Mental Arithmetic Addition and Subtraction	Mental Arithmetic Multiplication and Division	Mental Arithmetic
	NCETM Mastering Number Weeks 1-5	NCETM Mastering Number Weeks 6-10	NCETM Mastering Number Weeks 11-15	NCETM Mastering Number Weeks 16-20	NCETM Mastering Number Weeks 21-25	NCETM Mastering Number Weeks 26-30
	Decimal fractions (Y4 & Y5 PoS) Money addition and Subtraction	Negative numbers (Y4 & Y5 PoS) Short multiplication/division	Area and scaling *(Y4 & Y5 PoS incl regular and irregular polygon)* Roman Numerals *(PoS) (mental arith)*	Calculating with decimal fractions Factors, multiples and primes *(PoS Volume)*	Fractions	TP 6 Negative Numbers Angles and transformations (Y4 & 5 PoS) Converting units *(PoS metric and common imperial units)* Statistics *(PoS)*
Year 6	Mental Arithmetic Sessions					
	Calculating using knowledge of structures (1) Multiples of 1,000	Numbers up to 10,000,000 *(PV of up to 1,000,000 inc rounding Y5 PoS)* Draw, compose and decompose shapes (Y5 & Y6 PoS including illustrate and naming part of a circle)	Multiplication and division Order of operations Fractions and percentages	Ratio and proportion Area, perimeter, position and direction	Calculating using knowledge of structures (2) *Revision for SATs*	Solving problems with two unknowns Mean average Statistics *(PoS)*