Mathematics: Whole School Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Identifying and matching colours / Sorting / Talk about and identify patterns	Creating and correcting AB patterns / Using language of size / Comparing quantities	Understanding number 1 / Understanding number 2 / Understanding number 3	Understanding number 4 / Understanding number 5 / Problems within 5	2D and 3D shapes / Sequencing events / Length and height – comparisons	Weight Capacity / Positional language
Reception	Early subitising / Counting / Composition to 4 / Early comparison	Comparison / Wholes and parts / Composition of 5 / Ordinality	"5 and a bit" / Ordinality-based comparison / Composition to 7 / Doubles / Odd/even	Counting strategies / Structured subitising / Number representation / Doubles continued	Rekenrek / Larger comparison / Magnitude / Composition to 10 / Paatterns	Deep number understanding to 10 / Generalising patterns / Recall facts
Year 1	Unit 1 – Previous Reception experiences and counting within 100	Unit 2 – Comparison of quantities and part-whole relationships / Unit 3 – Numbers 0 to 5	Unit 4 – Recognise, compose, decompose and manipulate 2D and 3D shapes / Unit 5 – Numbers 0–10 / Unit 6 – Additive structures	Unit 7 – Addition and subtraction facts within 10	Unit 8 – Numbers 0 to 20 / Unit 9 – Unitising and coin recognition	Unit 10 – Position and direction / Unit 11 – Time
Year 2	Unit 1 – Numbers 10 to 100 / Unit 2 – Calculations within 20	Unit 3 – Fluently add and subtract within 10 / Unit 4 – Addition and subtraction of two-digit numbers (1)	Unit 5 – Introduction to multiplication / Unit 6 – Introduction to division structures	Unit 7 – Shape / Unit 8 – Addition and subtraction of two-digit numbers (2) / Unit 9 – Money	Unit 10 – Fractions / Unit 11 – Time / Unit 12 – Position and direction	Unit 13 – Multiplication and division (doubling, halving, quotative and partitive division) / Unit 14 – Sense of measure: capacity, volume, mass
Year 3	Unit 1 – Adding and subtracting across 10	Unit 2 – Numbers to 1,000	Unit 3 – Right angles / Unit 4 – Manipulating the additive relationship and securing mental calculations / Unit 5 – Column addition / Unit 6 – 2, 4, 8 times tables / Unit 7 – Column subtraction	Unit 8 – Unit fractions	Unit 9 – Non-unit fractions / Unit 10 – Parallel and perpendicular sides in polygons / Unit 11 – Time	
Year 4	Unit 1 – Review of column addition and subtraction / Unit 2 – Numbers to 10,000	Unit 3 – Perimeter / Unit 4 – 3, 6, 9 times table	Unit 5 – 7 times table and patterns / Unit 6 – Understanding and manipulating multiplicative relationships	Unit 7 – Coordinates / Unit 8 – Review of fractions / Unit 9 – Fractions greater than 1	Unit 10 – Symmetry in 2D shapes / Unit 11 – Time / Unit 12 – Division with remainders	
Year 5	Unit 1 – Decimal Fractions / Unit 2 – Money	Unit 3 – Negative Numbers / Unit 4 – Short multiplication and short division	Unit 5 – Area and Scaling / Unit 6 – Calculating with decimal fractions	Unit 7 – Factors, multiples and primes / Unit 8 – Fractions	Unit 9 – Converting units / Unit 10 – Angles	
Year 6	Unit 1 – Calculating using knowledge of structures (1) / Unit 2 – Multiples of 1,000	Unit 3 – Numbers to 10,000,000 / Unit 4 – Draw, compose and decompose shapes	Unit 5 – Multiplication and division / Unit 6 – Area, perimeter, position and direction	Unit 7 – Fractions and percentages / Unit 8 – Statistics / Unit 9 – Ratio and proportion	Unit 10 – Calculating using knowledge of structures (2) / Unit 11 – Solving problems with two unknowns / Unit 12 – Order of operations / Unit 13 – Mean average	