Waterloo Primary School Mathematics Curriculum 2026–2027

Pathway	Development throughout the year
Pre-formal developmental curriculum	Communication and interaction; cognition and sensory exploration; attention and engagement; play and social development; physical and sensory development; independence and early learning behaviours. Personalised learning through daily routines, play, sensory experiences and meaningful interactions. Progression follows the school's Pre-formal Developmental Progression Framework, individual starting points and EHCP outcomes.

Nursery mathematics throughout the year

Year	Counting and number	Sorting and pattern	Measure and comparison	Shape and spatial awareness
Nursery 2	Make sounds, point and say numbers in sequence; count in everyday contexts, sometimes skipping numbers; notice changes in groups of up to three. Join in number finger rhymes and songs.	Sort objects, develop own sorting criteria, notice patterns and arrange objects in patterns.	Compare amounts using lots, more and same. Compare size and weight through gestures and words such as bigger, smaller, tall, heavy and light.	Stack and combine objects; put objects inside others and take them out; explore spaces by climbing and squeezing; complete inset puzzles.
Nursery 3–4	Recite to 5 and beyond; show finger numbers to 5; count objects and understand the last number gives the total. Match numerals and amounts to 5; recognise up to three without counting; use own marks, symbols and numerals.	Match and sort by colour, size, shape and other criteria. Identify, extend and create ABAB patterns; notice and correct errors. Notice and discuss patterns in the environment.	Compare size, length, weight and capacity; use more than and fewer than; solve practical number problems to 5. Describe event sequences using first, then, before and after.	Explore 2D/3D shapes using informal and mathematical language; select and combine shapes purposefully. Describe routes and positions; understand positional words without gestures or pointing.

Mathematics across the six learning blocks

Year	LB1	LB2	LB3	LB4	LB5	LB6
Reception	Early mathematical experiences Pattern and early number	Numbers within 6 Addition and subtraction within 6 Measures Shape and sorting	Numbers within 10 Calendar and time Addition and subtraction within 10 Grouping and sharing	Number patterns within 15 Doubling and halving Shape and pattern	Securing addition and subtraction facts Number patterns within 20 Number patterns beyond 20 Money	Measures Exploration of patterns within number Number and Numerical Patterns
Year 1 **Phoenix / Orion**	Numbers to 10 Addition and subtraction within 10 Shape and patterns	Numbers to 20 Addition and subtraction within 20	Time Exploring calculation strategies within 20 Numbers to 50	Addition and subtraction within 20 (comparison) Fractions Measures (1): Length and mass	Numbers 50 to 100 and beyond Addition and subtraction (applying strategies) Money	Multiplication and division Measures (2): Capacity and volume
Year 2 **Phoenix / Orion**	Numbers within 100 Addition and subtraction of 2-digit numbers Addition and subtraction word problems	Measures: Length Graphs Multiplication and division	Time Fractions Addition and subtraction of 2-digit numbers	Money Faces, shapes and patterns; lines and turns	Numbers within 1000 Measures: Capacity and volume Measures: Mass	Exploring calculation strategies Applying multiplicative thinking
Year 3 **Phoenix / Orion**	Number sense and exploring calculation strategies Place value Graphs	Addition and subtraction Length and perimeter	Multiplication and division Calculating with multiplication and division	Time Fractions	Angles and shape Measures	Applying multiplicative thinking Exploring calculation strategies and place value
Year 4	Reasoning with large numbers Addition and subtraction	Multiplication and division Discrete and continuous data	Calculating with multiplication and division Fractions	Time Decimals Area and perimeter	Solving measures and money problems Shape and symmetry	Position and direction Reasoning with pattern and sequences 3-D shape
Year 5	Reasoning with large whole integers Integer addition and subtraction	Line graphs and timetables Multiplication and division Perimeter and area	Fractions and decimals Angles	Fractions and percentages Transformations	Converting units of measure Calculating with whole numbers and decimals	2-D and 3-D shape Volume Problem solving
Year 6	Integers and decimals Multiplication and division Calculation problems	Fractions and decimals Percentages Revision and consolidation time	Decimals and measures Angles and properties of shape	Position and direction Statistics Proportion problems Revision and consolidation time	Revision and consolidation – preparation for Y7 transition	