



Walford Nursery & Primary School

Mathematics

Key Vocabulary Progression



	Nursery	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	Lots More Same Numbers to five More than Fewer than	One more One less Place Order Number Count Numbers up to twenty Number line Pictorial Answer Equals Read Write	<i>Same as EYFS, plus:</i>	<i>Same as EYFS & Year 1, plus:</i>	<i>Same as EYFS & KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
			Forwards Backwards Numerals Words Multiples Equal to More than Less than Fewer Most Least Identify Represent Digit Calculate Odd Even Pattern Numbers up to one hundred	Ones Tens Two- digit Estimate Place Value Solve Problems Greater than > Less than < Nearest ten Number facts Partition Count in steps Zero Compare Determine Value	Hundreds Three-digit ten more one hundred more ten less one hundred less Roman numeral Numbers up to one thousand	Thousands Four- digit Negative number One thousand more One thousand less Rounding Place holder Nearest ten Nearest hundred Nearest thousand One place Whole number Integer	Ten thousands Hundred thousands Millions Context Steps of powers Decimal equivalents Two decimal places Thousandths Numbers up to one million Tenths Hundredths Decimal Decimal place	Intervals across zero Three decimal places Hundredths Thousandths Ten thousandths Numbers up to ten million

Addition and Subtraction	Subitise Lots More Same More than Fewer than Finger numbers	<i>Same as Nursery, plus</i>	<i>Same as Nursery and EYFS, plus:</i>	<i>Same as EYFS & Year 1, plus:</i>	<i>Same as EYFS & KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
	Add Subtract Addition Subtraction Adding Subtracting Number Number line Single digit Count on Count back Answer Doubling Halving Sharing Numbers to twenty Check One more One less	One step problem Concrete object Pictorial representation Missing number Problem Read Write Interpret Equals = Signs One-digit Two-digit Ones Mental Mentally	Columnar addition Columnar Subtraction Tens Order Inverse Relationship Calculation Solve problems Missing number problems Quantities Measures Formal Written method Mental method Method Operation Apply Whole number	Three-digit number Hundreds Estimate Number facts	Two step problems Context Four-digit	Increasingly large numbers More than 4 digits Rounding Determine Context Multi-step problems	Estimation Mixed operations	

Multiplication and Division		sharing doubling halving number pattern	<i>Same as EYFS, plus:</i>	<i>Same as EYFS & Year 1, plus:</i>	<i>Same as EYFS & KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
			Multiples Twos Fives Tens Number Multiply Divide Multiplication Division One step problem Answer Concrete object Pictorial representation Arrays Count Equals Write	Multiplication facts Division facts Multiplication tables Odd numbers Even numbers Share Equally Repeated division Calculate	Missing number problem Estimate Inverse Formal written method Mathematical statement Recall Integer Two-digit One-digit	Derived facts Factors Factor pairs Scaling problems Three-digit	Decimals Four-digit Short division Remainders Context Common factors Common Multiples Square numbers Cube numbers Prime Numbers Prime factors Composite numbers Notation Squares Cubes	Scale factor Long division Whole number remainders Fractions Rounding Mixed operations Long multiplication

	Nursery:	Same as Nursery, plus:	Same as Nursery & EYFS, plus:	Same as EYFS & Year 1, plus:	Same as EYFS & KS1, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:
Measure	Bigger Smaller Little High Low Tall Heavy Light After Next First Today Yesterday Tomorrow Morning Afternoon Evening	Measure Measurement Size Weight Capacity Compare Solve Problems Object Sequence events Chronological order Before Record Coins Notes Dates Days Weeks Months Heavy Light Heavier than Lighter than Full Empty More than Less than	Length Height Long Short Longer Shorter Tall Double Half Mass Volume Half Half full Quarter Quicker Slower Earlier Later Change Five past Ten past Quarter past Twenty past Twenty-five past Half past Twenty-five to Twenty to Quarter to Ten to Five to Hours Minutes Hour Half past O clock Hands Clock face	Greater than > Less than < Equals = Intervals Standard units Estimate Direction Temperature Unit Scales Rulers Thermometers Measuring vessels Metres Centimetres Kilograms Grams Degrees Celsius Litres Millilitres Symbols Money Pounds (£) Pence (p) Different combinations	Duration Time taken Nearest minute Record Seconds a.m. p.m. noon midnight kilometre add subtract millimetres perimeter simple 2-D shapes analogue clock roman numerals 12-hour 24-hour Leap year	Estimate Rectilinear figure Area Rectilinear shapes Convert	Square centimetres (cm ²) Square metres (m ²) Irregular shapes Volume (cm ³) Cubes Cuboids Square numbers Cube numbers Metric measure Metric units Imperial units Inches Pounds Pints	Decimal notation Cubic centimetres (cm ³) Cubic metres (m ³) Cubic millimetre (mm ³) Cubic kilometre (Km ³) Decimal places formulae Miles

Geometry (Position and direction)	Nursery:	Same as Nursery, plus:	<i>Same as Nursery & EYFS, plus:</i>	<i>Same as EYFS & Year 1, plus:</i>	<i>Same as EYFS & KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
	On top of Up Down Through In On Under Besides Between In front of Behind	Position Distance Direction Move Movement Patterns	Half turn Quarter turn Three-quarter turn Left Right Up Down	Rotation Right angle Clockwise Anti-clockwise Order Arrange Sequence		Co-ordinates Quadrant Grid Translate Translation Axis X- axis Y-axis Spaces Unit Plot Point Polygon	Reflection	Four quadrants

Geometry (Properties of Shape)	Nursery:	Same as Nursery, plus:	Same as Nursery & EYFS, plus:	Same as EYFS & Year 1, plus:	Same as EYFS & KS1, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:	Same as previous year groups, plus:
	Shape Square Rectangle Circle Triangle Sides Straight side Curved side Sides Corners Flat Round Pointy	Shape Square Rectangle Circle Triangle Sides Straight side Curved side Sides Corners Flat Round Pointy 2D shape 3D shape Cuboids	2-D Shapes 3-D Shapes Two- Dimensional Three- Dimensional Cuboid Cube Pyramid Cone Cylinder Sphere	Properties Compare Common Line symmetry Vertical line Edges Faces Vertices Pentagon Hexagon Heptagon Octagon Nonagon Decagon Kite Rhombus Polygon Square-based pyramid Triangular pyramid Triangular prism Rectangular prism Pentagonal prism Hexagonal prism Octahedron Dodecahedron Tetrahedron Pentagonal pyramid Hexagonal pyramid Octagonal pyramid	Angle Turn Right angles Quarter of a turn Half-turn Three quarters of a turn Complete turn Horizontal lines Vertical lines Perpendicular lines Parallel lines	Lines of symmetry Symmetric figure Classify Geometric shapes Quadrilaterals Acute angle Obtuse angle	Angles Measure Degrees Missing lengths Missing angles Regular polygons Irregular polygons Degrees Estimate compare Reflex angle Point Straight line Multiples	Radius Diameter Circumference Nets

Fractions, Decimals and Percentages			Fraction Half Equal parts One whole	<i>Same as Year 1, plus:</i>	<i>Same as KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
			Object Shape Quantity Quarter	Simple fractions Equivalent equivalence Count	Tenths Unit fractions Non- unit fractions Numerator Denominator Compare Order Add Subtract Solve problems	Hundredths Decimal Decimal place One decimal place Two decimal places Round decimals Whole number Common equivalent fractions Decimal equivalents Dividing Ones Tenths Hundredths Simple measure Money problems	Thousandths Multiples Three decimal places Per cent Number of parts per hundred Percentages Decimal fraction Mixed numbers Improper fraction Proper fraction Convert Mathematical statements Multiply Percentage and decimal equivalents	Common factors Common multiples Decimal fraction equivalents Simplest form

Statistics				Interpret Construct Pictogram Tally chart Block diagrams Horizontal Vertical x- axis y-axis key title chart title Simple tables Ask Answer Questions Counting Objects Category Sort Quantity Total Compare Data	<i>Same as KS1, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
					Present Presented Graph Statistics Bar charts Tables Solve One- step questions Two- step questions Information	Time graphs Comparison Problems	Timetables Line graph	Pie chart Calculate Mean Average
Algebra			Solve One-step problem Missing number Check Calculate problem Sequence Chronological	<i>Same as Year 1, plus:</i>		<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>	<i>Same as previous year groups, plus:</i>
				Inverse Relationship Compare Order Arrange Pattern		Perimeter Algebra Algebraically	Properties Rectangles Deduce Related facts Missing lengths Missing angles	Missing number Problem Pairs Number sentence Variables Combination Possibility Enumerate Equation Formulae Generate Linear

Ratio and Proportion								Ratio Proportion Size Quantity Missing value Integer Multiplication Division Multiply Divide Solve Problem Calculate Percentage Comparison Unequal sharing Grouping Fractions Multiples
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