

Maths Vocabulary Progression

Learning Area/ Year-Class	Ducklings	Minnows	Dragonflies	Frogs	Kingfishers		
	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number/ Place Value	Count Order Compare Forwards Backwards Numerals Digit One more One less Equal to More than Less than (fewer)	Sort Represent Multiples Partitioning Ones Tens	Count in steps Count in multiples Place value Estimate Compare	Ascending Descending 10 or 100 more 10 or 100 less Hundreds	Negative numbers Roman numerals 1000 more 1000 less Thousands Round	Ten thousands Hundred thousands Powers of Integers	Millions Ten millions
Addition and Subtraction	Add Plus Altogether Total Take away/ minus Number bonds Part Whole Subitise	Addition Subtraction Difference Equals Facts Problems Missing number problems 2-digit number Inverse	Sum 3-digit number Commutative	Column addition Column subtraction Exchange Estimate	4-digit number Operations Methods	Efficient written method	Order of operations BIDMAS
Multiplication and Division	Double Half Twice as many Equal Share Group Odd Even	Multiplication Division Arrays Left over Unequal	Multiplication Tables Inverse Operation Repeated addition Remainder	Product Quotient Dividend Divisor Factor Operation Scale Exchange	Derive	Factor pairs Composite numbers Prime number Prime factor Square number Cubed number	Common factors Common multiples Highest common factors Lowest common multiple
Fractions, Decimals and Percentages	Whole Equal parts One half Two halves	One quarter Two quarters Three quarters	One third Equivalence Equivalent	Numerator Denominator Unit fraction Non-unit fraction Compare and order Tenths	Decimals Hundredths Rounding One decimal place Simplify	Proper fractions Improper fractions Mixed numbers Thousandths Percentage One fifth Two decimal places	Degree of accuracy Ratio Proportion Three decimal places Scale factor
Algebra		Missing number					Linear number sequence Substitute Variables

Measurement (length, height, weight, capacity)	Measure Long (er/est) Short(er/est) Length Height Tall (er/est) Short (er/est) Weight Heavy (ier/iest) Light (er/est) Full Empty More than Less than	Compare Wide (er/est) Narrow (er/est) Capacity Mass Half full	Standard units Estimate Order Record results Centimetre (cm) Metre (m) Volume Kilogram Gram Quarter full Three quarters full Litres Millilitres Temperature Celsius	Millimetre (mm) Perimeter	Kilometres (km) Rectilinear Area	Scaling Metric Imperial Inches Compound shape Irregular shape Square centimetres Square metres Cubic centimetres Pounds (weight) Pint	Conversion Miles Formulae Cubic metre Cubic kilometre Cubic millimetre Gallons Stones Ounces
Measurement (time)	Time Quicker Slower Before After First Next Today Yesterday Tomorrow Morning Afternoon Evening Day Week	Earlier Later Days of the week Months of the year Month Year O' clock Half past Minute Second Hour	Chronological order Intervals Quarter past/ to Duration	Analogue clock Roman numerals 12-hour clock 24-hour clock AM/PM Noon Midnight Leap year Digital	Convert		
Measurement (money)		Money Coins Notes Pounds £ Pence p	Value Change				
Geometry (position/ direction)	In On Under Up Down Above Below Top Bottom	Over Underneath Around Beside Between Position Direction Movement Whole turn Half turn	Quarter turn Three quarter turn Clockwise Anti-clockwise Straight line Rotation Arrange Sequences		Co-ordinates First quadrant Grid Translate Plot Polygon Axis	Reflection	Four quadrants Co-ordinate plane

Geometry (shape)	Circle Rectangle Triangle Hexagon Pentagon Cube Pyramid Cone Cube Curved Straight Flat 2-D/ 3-D shapes	Sides Corners Properties Pyramids Cuboids Faces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right angle triangle Heptagon Octagon Polygon Properties Prism	Isosceles Equilateral Scalene Trapezium Rhombus Parallelogram Kite Geometric Shapes Quadrilaterals	Regular polygon Irregular polygon	Radius Diameter Circumference Dimensions
Statistics/ Data			Pictogram Tally chart Block diagram Category Sorting Totalling Comparing Horizontal Vertical	Table Bar chart One-step problem Two-step problem	Time graph Discrete data Continuous data Line graph Comparison problem Sum problem Difference problem Calculate Interpret	Timetable Two-way tables	Pie chart Mean Construct

NOTE: This document presents the year group in which the vocabulary is first explicitly introduced and taught. It should be revisited in subsequent years groups.