

This document is designed to assist with the teaching of vocabulary across KS1 and KS2 and is aligned with the NCETM mastery in maths schemes of learning. It identifies in which year group vocabulary should be explicitly taught and introduced. However, language should be revisited in subsequent year groups to ensure children are consolidating their understanding. Some vocabulary might be introduced earlier (shapes for instance) if necessary or as part of an activity, however this document ensures coverage is progressive.

<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>	<u>Year 6</u>
Number and Place Value					
Sort Represent Multiples Partitioning Ones Tens	Count in steps Count in multiples Place value Estimate Compare Hundreds	Ascending Descending 10 or 100 more 10 or 100 less	Negative numbers 1000 more 1000 less Thousands Round Roman numerals	Ten thousands One hundred thousand Powers of Integer	Millions Ten millions
Addition and Subtraction					
Addition/add Subtraction Difference Equals Facts Problems Missing number problems 2-digit number Inverse	Sum 3-digit number Commutative	Column addition Column subtraction Exchange Estimate Operations	4-digit number Methods		
Multiplication and Division					
Multiplication Division Arrays	Multiplication tables Commutative Repeated addition	Exchange Mathematical statements Missing number problems Integer scaling problems Correspondence problems Derived facts	Factor pairs Formal written layout Distributive law Remainders	Multiples Factors Prime numbers Square numbers Cube numbers Short division Product Dividend Divisor Quotient Operations	Multi-digit numbers Long division
Fractions/Decimals/Percentages					
Whole Half Quarter Equal parts	Three quarters Third Equivalent fractions Unit fractions Non unit fractions Numerator Denominator One whole	Tenths	Decimal equivalence Hundredths Convert Proper fractions Improper fractions Decimal point	Fifth Thousandths Mixed numbers Percent Factors Integer Complements	

Ratio and Proportion					
					Relative size Missing values Integer multiplication Percentages Scale factor Unequal sharing and Grouping
Algebra					
					Formulae Linear number sequences Algebraically Equation Unknowns Combinations Variables
Measurement (Measure and Length)					
Compare	Standard units Estimate Order Record results Centimetre (cm) Metre (m)	Millimetre (mm) Perimeter	Kilometre (km) Rectilinear figure Area	Decimal notation Scaling Metric units Imperial units Inches Compound shape Irregular shape Square centimetre Square metre	Conversion Miles Formulae Parallelograms Feet
Height, Weight, Capacity and Temperature					
Mass Volume	Kilogram (kg) Gram (g) Quarter full Three quarters full Litres (l) Millilitres (ml) Temperature Celsius			Cubic centimetre Pounds Pints	Cubic metre Cubic millimetre Cubic kilometre Gallons Stones Ounces
Time					
Chronological order Days of the week Months of the year Month Year O'clock Half past Second	Intervals of time Quarter past/to Duration	Analogue clock Roman numerals 12-hour clock 24-hour clock AM/PM Noon Midnight Leap year Digital	Convert		

Money					
Money Coins Notes Pounds £ Pence p	Value Change				
Geometry- Properties of Shape					
Sides Corners Properties Pyramids Faces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right-angle triangle Heptagon Octagon Polygon Properties Prism Orientations Angles Acute angle Obtuse angle Turn Right angle Half turn Three quarters of a turn Horizontal lines Vertical lines Perpendicular lines Parallel lines	Isosceles Equilateral Scalene Trapezium Rhombus Parallelogram Kite Geometric shapes Quadrilaterals	Regular polygon Irregular polygon Reflex angles Degrees One whole turn Angles on straight line Angles around a point Vertically opposite Missing angles	Radius Diameter Circumference Dimensions
Position and Direction					
Position Direction Movement Whole turn Quarter turn Half turn Three-quarter turn	Clockwise/anti- clockwise Straight line Rotation Arrange Sequences		Co-ordinates First quadrant Grid Translation Plot Polygon Axis	Reflection	Four quadrants Co-ordinate plane
Statistics					
	Pictograms 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