



Key Vocabulary for Maths

Substantive concepts in EYFS	Substantive concepts in KS1		Substantive concepts covered in LKS2		Substantive concepts covered in UKS2	
	New to Year 1	New to Year 2	New to Year 3	New to Year 4	New to Year 5	New to Year 6
Number and Place Value Count Subitise Order/ ordinal 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 thousand One hundred thousand Powers of Integers	Millions Ten millions
Number- Addition and Subtraction Add Plus Altogether Total Take away Minus Number bonds Part Whole Digit	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		



Key Vocabulary for Maths

Number- Multiplication and Division Double Half Twice as many Equal Unequal Share Group Odd Even	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 and 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/ grouping



Key Vocabulary for Maths

Algebra						Formulae Linear number sequences Algebraically Equation Unknowns Combinations Variables
Measurement- measure and length Measure Wider Marrow Compare Long Longer Longest Short Shorter Shortest Length	Compare	Standard units Estimate Order Record results Centimetre Metre	Millimetre Perimeter	Kilometres Rectilinear figure Area	Decimal notion Scaling Metric units Imperial units Inches Compound shape Irregular shapes Square centimetres Square metres	Conversion Miles Formulae Parallelograms Triangles Feet
Measurement- height, weight, capacity Height Longer Shorter Taller Shorter Weight Capacity Heavy Light	Mass Volume	Kilogram Gram Quarter full Three quarters full Litres Millimetres Temperature Celsius			Centimetre cubed Pounds Pints	Cubic metre Cubic millimetre



Key Vocabulary for Maths

Heavier than Lighter than Big Biggest Bigger Full Empty More than Less than Half Half full						
Measurement- Time Time Quicker Slower Earlier Later Before After First Next Today Yesterday Tomorrow Morning Afternoon Evening Day Week Hour Minutes	Chronological order Days of the week Months of the year Month Year O'clock Half past Second	Intervals of time Quarter past Quarter to Duration	Analogue clock Roman numerals 12 hour clock 24 hour clock Am/ pm Noon Midnight Leap year Digital	Convert		



Key Vocabulary for Maths

Measurement- money	Money Coins Notes Pounds Pence	Value Change				
Geometry- Shape 2-d shapes Rectangle Square Circle Triangle Characteristics 3-d shapes Cuboids Cubes Cone Spheres Curved Straight Flat	Sides Corners Properties Pyramids Daces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right angle triangle Heptagon Octagon Polygon Properties Prism Orientations Angles Acute angle Obtuse angle Obtuse angle Turn Half turn Three quarters of a turn Greater than Less than 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 a straight line Angles around a point Vertically opposite Missing angles	Radius Diameter Circumference Dimensions



Key Vocabulary for Maths

Geometry- position and direction Over Under Between Around Through On Into Next to Behind Beneath Order Repeat Patterns On top of	Position Direction Movement Whole turn Quarter turn Half turn Three- quarter turn	Clockwise Anti- clockwise Straight line Rotation Arrange Sequences		Coo-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 table	Pie chart Mean