



Mathematics

Progression of Vocabulary Document Lower KS2- Number



Number Maths	Year 3	Year 4
Term 1 – Numbers and the Number System – Place Value	Thousand, One/Two/Three-digit number Equal to, greater than, less than One more 10, more 100 more Compare, order, size between, half-way between	Thousands, 10s thousands, zero Four-digit number Greater than/less than/fewer Half-way, estimate, approximately Round to the nearest 10, 100, 1000 Order, compare, round Integer, positive, negative, Minus i.e. -4
Term 2 – Addition and Subtraction	Add, Addition, plus, sum, total, altogether Score, double Subtract, take away, minus, leaves, difference, Commutative, inverse Tens boundary/hundreds boundary	Plus, increase, sum, total, altogether, score, Subtract, subtraction, take away, minus, decrease Difference, equals Tens boundary, 100 boundary, inverse commutative
Term 3 – Multiplication and Division	Groups of, times tables, multiplication, multiplied by, multiple of, repeated addition, once twice, five times as big, array, row, column, Divide, division, divided by, divided into left over, remainder	Multiply, multiplication, multiple of, product, twice as big, three times as big etc. Factor pairs Repeated addition, Array, row, column Groups, division, divide, divisible, left over, remainder Grid method/chunking
Term 4 - Fractions	Numerator, denominator unit fraction, non-unit fraction, compare/order tenths, three quarters, one third, equivalence, equivalent, whole, equal parts, one half, one quarter	Equivalent fractions, equivalent decimals Numerator/denominator Unit fraction, non-unit fraction Whole, equal parts
Term 5 – Calculations Year 3 Place Value/Calculations Year 4 Place Value, decimals, percentage, fractions	Place Value, Compare, fewer, fewest, Estimating, Approximate, approximately, Exact, Exactly, Addition, sum, Subtract/minus/difference Fewer Equals	Decimal, decimal fraction, decimal point One/two decimal points Percentage % Tenth, hundredth/thousandths
Term 6 Calculations	Add, Total, subtract, minus, difference Divide, division, divisible, left over, remainder, multiply, product, array, row, column	4 rules Difference, multiply, divide, product, exchange, estimate, inverse, commutative



Mathematics
Vocabulary Document Lower KS2 – Topic Maths



Topic Maths	Year 3	Year 4
Term 1 Geometry – Properties of Shape	Group/Sort Cube, cuboid, pyramid, sphere, cone, cylinder, tetrahedron, prism, circle, triangle, square, pentagon, hexagon, quadrilateral Flat, hollow, solid, Corner, vertex, vertices Face, side Acute, Obtuse, right-angle	Quadrilateral Isosceles, scalene, equilateral Degrees, Parallelogram, rhombus, trapezium, kite Acute/obtuse/reflex Irregular Symmetry Heptagon, polygon, line of symmetry, mirror line, reflection vertex, vertices
Term 2 Perimeter	Perimeter, Measure, length, width, compare, scale Estimate, Centimetre, millimetre, metre	Perimeter, Longest, shortest, edge, measure, compare, scale Centimetre, metre, kilometre
Term 3 Statistics	Scale, Axis, Axes, Data, Count, Tally, Frequency, Pictogram Represent Chart, Bar Chart, Table, Label, Title, Venn Diagram, Most Popular, Least popular,	Scale, axis, axes Data, county, tally, frequency Represent, chart, table, label, title Most popular, least popular Key
Term 4 Geometry – Angles/Rotation	Angle, degrees, rotation, clockwise, anti-clockwise Straight line, ninety degrees, turn, right angle Horizontal, vertical, perpendicular, parallel lines	Position 2D grid Orientation, co-ordinates, Translation – movement Quadrant X and Y Axis
Term 5- Measures Year 3 Capacity, volume, mass Year 4 – Conversion of Units, Area, Money	Mass, weight, weighs, balances, equals, Heavy, light Heavier, lighter Heaviest, lightest Gram, kilogram, balance, scale Capacity Half-full, empty, litre, millilitre, half litre	Kilometre, metre, centimetre, millimetre Litre, millimetre Gram, kilogram Estimate, compare, calculate Area, surface, covers, square centimetres CM^2
Term 6 Measures - Time	O'clock, AM, PM Morning, afternoon, noon, midnight Second, minute, hour, day, week, month, leap year	Hours, minutes, seconds Years, Fortnight, months, Digital, analogue, midnight, noon