Mathematics

Progression of Vocabulary Document Upper KS2- Number

Number Maths	Year 5	Year 6
Term 1 – Numbers and the Number System – Place Value	Order, Compare, Positive/Negative, above/below zero Greater than >/Less than</equal to = Round, estimate approximately Partition Decimal Point/Decimal place Tenths/Hundredths/Thousands Roman Numerals	Same as Year 5
Term 2 – Year 5 Addition and Subtraction Year 6 – The Four rules	Add/Addition/plus/sum/total/altogether/ Score/double Subtract/take away/minus/difference Inverse/commutative Distributive law/associative law	The Four Rules Factors, common factors, multiples, Long division, short division Quotient, Divisor, divisible, dividend, remainder BODMAS Multi-Step
Term 3 – Year 5 Multiplication and Division Year 6 Fractions	Multiply, Multiplication, multiple of, multiplicand Factor, product Divide, divisible, dividend, remainder, quotient, inverse	Proper/Improper Fractions Equivalent Mixed Numbers,
Term 4 – Year 5 Fractions Year 6 Ratio, Proportion and Algebra	Equal parts, proper/improper fractions Mixed number, numerator, denominator, equivalent, reduce to, Whole, sixth, ninth, twelfth, twentieth, hundredth, thousandth etc.	Proportion, Ratio, Similar On in every One to every Percentage, algebra, algebraic, Formulae, Scaling/Scaling factors
Term 5 – Year 5 Decimals/Percentages Year 6 Ration Proportion/Algebra	Decimal, decimal fraction, decimal point One decimal place, two decimal places, three decimal places Percentage, per cent %, tenth, hundredth, thousandth	Same As Term 4
Term 6 Calculations	Multiple, factor, product, divisible, dividend, remainder	Revise, Embed, Extend Solve Vocabulary from previous terms

Mathematics

Vocabulary Document Upper KS2 – Topic Maths

Topic Maths	Year 5	Year 6
Term 1 Geometry – Year 5 Properties of Shape Year 6 Linear Measures	Regular, irregular, concave, convex Vertex, vertices, polygon Acute, obtuse, reflex angles (right angle) Polyhedron, Platonic shapes – tetrahedron, cube, octahedron, dodecahedron, icosahedron	Conversions Volume Millennia Miles
Term 2 Year 5 Perimeter Year 6	Conversion Inches, foot (feet) miles Perimeter, length, width Composite, regular shapes	Equilateral/scalene/Isosceles Triangles Rhombus, Pentagon, Heptagon, Polygon, Quadrilateral, Kite, Parallelogram Trapezium Polyhedron, Dodecahedron, Icosahedron Diameter, Radius, circumference Set Square, angle measurer, compasses, protractors
Term 3 Year 5 Statistics Year 6 Perimeter/Area and Position and direction	Line graph, axis, axes Title, scale Hypotheses, Timetable (not times tables)	Area – covers Surface, Perimeter Symmetry reflective mirror line, reflect, pattern repeating pattern translation
Term 4 Year 5 Geometry – Angles/Rotation Year 6 - Statistics	Measure of turn Parallel, perpendicular, diagonal Congruent, regular, irregular, concave, convex	Statistics Pie Chart Mean, Average, data, data sets, Protractor
Term 5- Year 5 Measures – Mass/Capacity Year 6 – Volume/Time	Mass/Weight Capacity/Volume Pint/gallon	Timetable, arrive, depart, before, after Earliest, quickest Latest, slowest Cubic kilometres (km3) Cubic metres (m3) Cubic centimetres (cm3)
Term 6 Year 5 Measures – Time (Conversions) Area Year 6 – Problem Solving	Analogue clock Digital Clock AM/PM Centimetre squared CM^2 Metre squared M^2 Millimetre squared MM^2	Utilising al vocabulary from across the year.