Maths Vocabulary Progression Map

EYFS to Year 6

PLACE VALUE, NUMBERS AND COUNTING

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Numbers 0-20 Ones Count to Count on Count from Number More, less Odd, even Few Pattern Size Big Small Ordinal numbers (1st) Before, after, next between Part Whole Digit	Counting Ones Tens One more One less Equal to More than Less than Fewer Most Least Ordering Odd, even Numbers one – twenty Forwards Backwards Value Number bonds Column Twos Fives Tens	Numbers 20 to 100 count in steps of Twos Fives Tens Threes Compare Order < less than > more than = equal to Increasing, decreasing identify Represent Representation Estimate Partition Number facts Sequence Two-digit number Greatest value Least value Greatest	Numbers up to 1000 Count in multiples of Fours Eights Fifties Three-digit number hundreds Hundreds block Hundreds column Roman numerals I to xii Consecutive Ascending order descending order	Negative number Positive number above/below zero Minus 1 etc. Decimal number Decimal place Tenths column Hundredths column decimal point One decimal place Two decimal places I to c Thousands Four-digit number thousands column integer Numbers up to 10,000	Count across zero Numbers up to 1 million Five-digit number Six-digit number Tens of thousands Hundreds of thousand Three decimal places thousandths column C to m Powers of 10 Millions	Calculate intervals across zero Numbers up to 10 million Seven-digit number Millions

ESTIMATING AND ROUNDING

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Guess how many Estimate Nearly Close to About the same as Just over Just under Too many Too few Enough Not enough	Roughly	Exact Exactly Near to Nearer to Closer to	Approximate Approximately	Round Rounding Round up Round down Nearest 10 Nearest 100 Nearest 1000 Nearest whole number	Nearest 10,000 Nearest 100,000 Nearest tenth To one decimal place	Nearest million Nearest hundredth To two decimal places Degree of accuracy

ADDITION AND SUBTRACTION

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Add More Make Total Altogether Double One more Two more How many more to… How many more is… Take away Less How many are left… How many have gone… One Less Two less How many fewer is…	+ sign Addition Put together Sum Near double Is the same as Missing number Number bonds = equals sign Number sentence Sign Operation Total Subtraction Take away Distance between Difference between Equals More than Greater than Less than Zero Counting forwards Counting backwards	Method Exchange Combined Calculate Solve Calculation Sums Inverse Equal to each other Strategy Number line Jumps Tens Ones Product Smaller Greater	Carrying Exchanging Expanded Compact Commutative law Find the difference Column addition column subtraction inverse operations Mental operations	Near multiple Distributive law Column addition column subtraction inverse operations mental operations two-step problem	Column addition column subtraction inverse operations mental operations rounding Accuracy Multi-step problems	Four operations

MULTIPLICATION AND DIVISION

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Double Half Halve Pair Sharing Share out Groups	Grouping Sharing multiplying dividing Doubling Arrays Number patterns count in twos count in fives count in tens	Lots of X sign Multiplying Dividing ÷ sign Share equally Equal groups Odd Even Multiple of Once, twice, three times, ten times.. Repeated addition Row Column Multiplication fact Calculate Solve Product Calculation Commutative Arrays Mental methods inverse operations	Partitioning Column method Short multiplication Short division Expanded Scaling Correspondence Commutative law Mental method integers Divisor Left over	Factor pair Commutativity Short multiplication Short division Distributive law Mental method inverse operations Integers Short division Short multiplication Factor Factor of Dividend Divisible by	Long multiplication expanded Long multiplication compact Square number Squared, x^2 Cube number Cubed, x^3 Square root Cube root Multiples Factors Factor pairs Common factors Prime numbers Prime factors Composite (nonprime) numbers Rates	Order of operations Common multiples Scale factor Factor pairs Common factors Prime numbers Prime factors Composite (nonprime) numbers Remainders Common multiples Brackets

FRACTIONS, DECIMALS AND PERCENTAGES

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Half Part Whole	A half Equal parts A quarter A whole	A half A quarter A whole Equal parts A third Two quarters Three quarters Equivalence	Tenths Equal parts Fractions Unit fractions Non -unit fractions Denominator Numerator A half A quarter A whole Equal parts A third Two quarters Three quarters Equivalence	Tenths Hundredths Equal parts Fractions Unit fractions Non -unit fractions Denominator Numerator Equivalence Equivalent fractions Decimal number Decimal point	Unit fractions Non -unit fractions Mixed number fractions Improper fractions Proper fractions Denominator Numerator Equivalence Equivalent fractions Decimal number Decimal point Per cent Percentage	Unit fractions Non -unit fractions Mixed number fractions Improper fractions Proper fractions Denominator Numerator Equivalence Equivalent fractions Decimal number Decimal point Per cent Percentage

MEASURE: LENGTH/DISTANCE, TIME, MASS, CAPACITY/VOLUME, MONEY, TEMPERATURE

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measure Size Compare Guess Estimate Enough/Not enough Too much/Too little Too many/Too few Tall/Taller/Tallest Long/Longer/Longest Short/Shorter/Shortest Time Days of the week Morning Afternoon Evening Night Times of the day Today, yesterday, today Hour Watch Clock	Length Height Compare Long Short Longer Shorter Tall Double Half Mass Weight Heavy Light Heavier than Lighter than Capacity Volume Full Empty Half full Quarter full Time	Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins	Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds	Estimate Measure Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Converting measurements Perimeter Rectilinear figure Area	Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers	Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales

MEASURE: LENGTH/DISTANCE, TIME, MASS, CAPACITY/VOLUME, MONEY, TEMPERATURE

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Hands O'Clock Weight Balances Heavy/Heaviest/Heavier Light/Lightest/Lighter Full/Half full Empty Container Money Coin Penny Notes Pence Pounds Price/cost/sell/buy/spent	Quicker Slower Earlier Later Hours Minutes Seconds Coins Notes Money Before After Next First Today Yesterday Tomorrow Morning Afternoon Evening Ruler Weighing scales Days of the week Months of the year Hour O'clock Half past	Money Change Sequence Time Clock Five minutes Minutes Quarter past Quarter to Half past O'clock Hour Day	Pence Coins Money Change Analogue clock Roman Numerals Seconds Minutes Hours O'clock A.M P.M Morning Afternoon Noon Midnight Leap year Each month of the year	Pounds Pence Analogue clocks Digital clocks Hours Minutes Seconds Years Months Weeks Days	Measuring vessels Converting Measurements Perimeter Rectilinear figure Irregular shapes Area Pounds Pence Analogue clocks Digital clocks Hours Minutes Seconds Years Months Weeks Days Scaling	Thermometers Converting measurements Perimeter Rectilinear figure Irregular shapes Area Pounds Pence Analogue clocks Digital clocks Hours Minutes Seconds Years Months Weeks Days Scaling

GEOMETRY: GENERAL

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Shape Pattern Hollow Solid Size Bigger, Larger, Smaller, Symmetrical Pattern Repeating Pattern	Point Pointed Identify	Symmetry Symmetrical Mirror Line Reflection Fold Horizontal Vertical Diagonal	Parallel Perpendicular	Construct Draw Complete Classify		

GEOMETRY: POSITION AND DIRECTION

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Position Over Under Above Below Top Bottom Side On In Outside Inside Around In Front Behind Front Back Before After Beside Next To Opposite Left Right Up Down Forwards Backwards Sideways Across Towards Away From	Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between Around Near Close	Patterns Sequences Straight line Rotation Turn Right angles Position Direction Movement Whole turn Half turn Quarter turn Left Right		Coordinates Quadrant Left Right Up Down Axes X-Axis Y-Axis Axes Translation Translate Units Plot Points Vertices Vertex	Coordinates Quadrants Vertices Vertex Left Right Up Down Axes X-Axis Y-Axis Translation Translate Reflection Horizontal Vertical Translation Plot Points Vertices Vertex	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation Opposite

GEOMETRY: PROPERITES OF SHAPE

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Cube Sphere Cone Face Edge 3D Corners Circle Triangle Square Rectangle 2D Flat Corners Sides Curved Round Pointy	2D shapes Rectangle Square Circle Triangle 3D shapes Cubes Cuboids Pyramids Spheres Straight Curved Flat Corners Sides	2D shapes Properties of shapes Sides Line of symmetry Vertical line 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Cube Cuboid Pyramid Sphere	2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Polygon	2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Isosceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Protractor Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon	2D shapes Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Edges Vertices Vertex Faces Rectangle Square Circle Triangle Isosceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Reflex angle Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon Diagonal	2D shapes Dimension Properties of shapes Sides Line of symmetry Vertical line Horizontal line Perpendicular line Parallel lines 3D shape Net Edges Vertices Vertex Faces Rectangle Square Circle Radius Diameter Circumference Isosceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere Angle Right angle Acute angle Obtuse angle Reflex angle Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon Diagonal

STATISTICS

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Count Sort Vote Group List	Pictogram Tally chart Block diagram Table	Pictogram Tally chart Bar charts Table Two-way tables Frequency	Pictogram Tally chart Bar chart Table Time graph Scale	Line graph Timetables	Pie chart Line graph Average Mean variables Data

ALGEBRA

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Missing number	Inverse Arrange Combine Combinations	Integer scaling	Express Formula		Formulae Algebra Unknown values Variable Equivalent expression

RATIO AND PROPORTION

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
				Proportion in every for every *(linked to fractions)*	Scaling	Proportion Ratio Recipe Pie chart Scale drawing Scale factor