

# Progression in Maths Vocabulary



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	Counting Ones Tens One more One less Equal to More than Less than Fewer Most Least Ordering Odd Even  Numbers one – twenty in words	Counting Forwards Backwards Place value Ones Tens Hundreds Estimate Number line Compare Order More than Less than Equal to Zero  Numbers one to one hundred in words	Counting Multiples Place value Zero Ones Tens Hundreds Compare Order More than Less than Gattegno chart Three digit number  Numbers one to one thousand in words	Counting Multiples Place value Zero Ones Tens Hundreds Thousands Compare Negative numbers Order More than Less than Gattegno chart Rounding numbers Represent numbers Four digit number Estimate Roman Numerals Decimal numbers	Counting Multiples Place value Zero Ones Tens Hundreds Thousands Tens of thousands Hundreds of thousands Millions Powers of ten Compare Order More than Less than Gattegno chart Rounding numbers Estimate Roman Numerals Decimal numbers Number sequences	Counting Multiples Place value Zero Ones Tens Hundreds Thousands Tens of thousands Hundreds of thousands Millions Powers of ten Compare Order More than Less than Gattegno chart Rounding numbers Estimate Roman Numerals Decimal numbers Number sequences Accuracy

Number - Addition and Subtraction	Addition Put together Add Altogether Total Subtraction Take away Distance between Difference between Equals More than Less than Number bonds Zero Counting forwards Counting backwards	Addition Put together Add Altogether Total Sum Subtraction Take away Distance between Difference between Equals More than Less than Number bonds Zero Counting forwards Counting backwards	Addition Add Altogether Total Sum Subtraction Take away Find the difference Equal to More than Less than Number bonds Zero Counting forwards Counting backwards Column addition Column subtraction Inverse operations Mental operations	Addition Add Altogether Total Sum Subtraction Take away Find the difference Equal to More than Less than Number bonds Zero Column addition Column subtraction Inverse operations Mental operations Two-step problems	Addition Add Altogether Total Sum Subtraction Take away Find the difference Equal to More than Less than Number bonds Zero Column addition Column subtraction Inverse operations Mental operations Rounding Accuracy Multi-step problems	Addition Add Altogether Total Sum Subtraction Take away Find the difference Equal to More than Less than Zero Column addition Column subtraction Inverse operations Mental operations Rounding Accuracy Multi-step problems Four operations
Number-Multiplication and Division	Grouping Sharing Multiplying Dividing Doubling Arrays Number patterns Count in twos	Multiplying Dividing Odd numbers Even numbers Arrays Repeated addition Mental methods	Multiplying Dividing Odd numbers Even numbers Repeated addition Mental method Multiplication tables	Multiplying Dividing Odd numbers Even numbers Repeated addition Mental method Multiplication tables	Multiples Factors Factor pairs Common factors Prime numbers Prime factors Composite (non-prime) numbers	Multiples Factors Factor pairs Common factors Prime numbers Prime factors Composite (non-prime) numbers

	Count in fives Count in tens	Multiplication tables Inverse operations	Inverse operations Integers Short division Short multiplication	Inverse operations Factor pairs Integers Short division Short multiplication	Multiplying Dividing Odd numbers Even numbers Repeated addition Mental method Multiplication tables Inverse operations Integers Remainders	Multiplying Dividing Odd numbers Even numbers Repeated addition Mental method Multiplication tables Inverse operations Integers Long multiplication Long division Remainders Common multiples Brackets
Number – fractions	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	Tenths Hundredths Equal parts Fractions Unit fractions Non-unit fractions Denominator Numerator Equivalence Equivalent fractions Decimal number Decimal point	Tenths Hundredths Thousandths Equal parts Fractions Unit fractions Non-unit fractions Mixed number fractions Improper fractions Proper fractions Denominator Numerator Equivalence	Tenths Hundredths Thousandths Equal parts Fractions Unit fractions Non-unit fractions Mixed number fractions Improper fractions Proper fractions Denominator Numerator Equivalence

			Equivalence		Equivalent fractions Decimal number Decimal point Per cent Percentage	Equivalent fractions Decimal number Decimal point Per cent Percentage
Measurement	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 Quicker	Estimate Length Height Meters Centimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels Compare Order Volume Pounds Pence Coins Money Change	Estimate Measure Length Height Meters Centimetres Millimetres 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 Converting measurements Perimeter Rectilinear figure Area Pounds	Estimate Measure Metric measurements Imperial units Inches Pounds Pints Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers Measuring vessels	Estimate Measure Metric measurements Imperial units Inches Pounds Pints Miles Length Height Meters Centimetres Millimetres Mass Kilograms Grams Temperature Capacity Litres Millilitres Rulers Scales Thermometers

	<p>Slower Earlier Later Hours Minutes Seconds Coins Notes Money Before After Next First Today Yesterday Tomorrow Morning Afternoon Evening Ruler Weighing scales</p> <p>Days of the week Months of the year</p> <p>Hour O'clock Half past Clock</p>	<p>Sequence Time Clock Five minutes Minutes Quarter past Quarter to Half past O'clock Hour Day</p>	<p>Money Change Analogue clock Roman Numerals Seconds Minutes Hours O'clock A.M P.M Morning Afternoon Noon Midnight Leap year</p> <p>Each month of the year</p>	<p>Pence Analogue clocks Digital clocks Hours Minutes Seconds Years Months Weeks Days</p>	<p>Converting measurements Perimeter Rectilinear figure Irregular shapes Area Pounds Pence Analogue clocks Digital clocks Hours Minutes Seconds Years Months Weeks Days Scaling</p>	<p>Converting measurements Perimeter Rectilinear figure Irregular shapes Area Pounds Pence Analogue clocks Digital clocks Hours Minutes Seconds Years Months Weeks Days Scaling Formula Parallelograms</p>
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Geometry – properties of shape	2D shapes Rectangle Square Circle Triangle 3D shapes Cubes Cuboids Pyramids Spheres	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	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	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 Triangle Isosceles triangle Equilateral triangle Scalene triangle Cube Cuboid Pyramid Sphere
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				Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon	Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon Diagonal	Angle Right angle Acute angle Obtuse angle Reflex angle Protractor Degrees Polygon Quadrilateral Parallelogram Rhombus Trapezium Regular polygon Irregular polygon Diagonal
Geometry – position and direction	Position Direction Movement Whole turn Half turn Quarter turn Left Right Top Middle Bottom On top of In front of Above Between	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	Coordinates Quadrant Left Right Up Down Axes Reflection Translation	Coordinates Coordinate plane Quadrant Left Right Up Down Axes Reflection Translation Opposite

	Around Near Close Far Up Down Forwards Backwards Inside Outside					
Statistics		Pictogram Tally chart Block diagram Table	Pictogram Tally chart Block diagram Table	Pictogram Tally chart Bar chart Table Time graph Scale	Pictogram Tally chart Bar chart Table Time graph Scale Timetables	Pie chart Line graph Average Mean variables Data
Ratio and Proportion						Ratio Recipe Pie chart Scale drawing Scale factor
Algebra						Formulae Algebra Unknown values Variable Equivalent expression