OLSK Maths Vocabulary Progression Tier 1 Tier 2 Tier 3

	Pre-School	Reception	Y1	Y2	Y3	Y4	Y5	Y6
Number and Place Value	Count Order Forwards Backwards One more One less Equal to More than Less than After First Last Next	Subitise Ordinal Numerals Digit Fewer Compare Between Decrease Increase Ones Tens Partition	Sort Represent Multiples Partitioning Ones Tens Base 10 Before Fewer Greater/est Halfway Hundred Square Larger/largest Number Number Line Part-whole model Smaller/est Total Unit Whole	Count in steps Count in multiples Place value Estimate Compare Column Higher Hundreds Hundred less/more Interval Multiples of 10 Placeholder	Ascending Descending 10 or 100 more 10 or 100 less Arrange/ment Midpoint Thousands	Roman numerals 1000 more 1000 less Round 4-digit number Classify Consecutive Decimal Decimal place Decimal point Horizontal Hundredths Integer Minus Negative numbers Positive Numbers Ten thousand Tenths	Negative numbers Ten thousands One hundred thousands Powers of 10 Thousandths	Millions Ten millions
Addition and Subtraction	Add Altogether Take away	Plus Total Minus Number bonds Part Whole Digit Addition Subtraction Double	Difference Equals Facts Problems Missing number Calculation Half Near doubles Number sentence	Balance Column Count back Inverse Larger Multiple Numeral Row	Column addition Column subtraction Exchange Estimate Bar Model Complete Error Partition	Complements Not equal to Rounding Place holder	Decimals Integers Inverse relationship	Brackets Order of operations

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		Sum Total						
Multiplication and Division	Equal Unequal Share Group Each Left over	Double Half Twice as many Odd Even	Multiplication Division Arrays Columns/rows Divided by Lots of Multiple Multiplied by Times	Commutative Repeated addition Times tables Altogether Equation Equivalent Inverse Multiplication table	Exchange Bar Model Divided equally Divisor Partition Quarter Remaining Remainder	Factor pairs Common multiples Divisible by Fraction Lowest common multiple Triple	Multiples Factors Prime numbers Square numbers Cube numbers Short division Product Dividend Divisor Quotient Operations Area model Highest common factor Long multiplication Prime factors Short divison	Long division Brackets Decimal point Long division Order of operations Power of 10
Fractions, decimal and percentages	Whole Equal Unequal	Double Half Fair Share Parts	Quarter Fraction Three Quarters	Third Equivalent Unit fraction Non-unit fraction Numerator Denominator One whole	Tenths Eighths Fifths Ninths Remainder Sevenths Sixths	Hundredths Thousandths Convert Improper fractions Decimal point Twentieth	Mixed Numbers Percent Factors Integer Complements Twelfth	Scale factor Simplify

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Measurement (measure and length)	Measure Long(er)(est) Short(er)(est)	Wide(er) Narrow(er) Compare Length Estimate Thick Thin	Compare Accurate Distance Ruler Non-standard unit of measure	Standard units Estimate Order Centimetre Metre Approximate Exact Further	Millimetre Perimeter Intervals Kilometre Mile Quantity	Rectilinear Figure Area Breadth Edge Square centimetre Square kilometre Surface Convert Equivalence	Scaling Metric Imperial Inches Compound Shape Irregular Feet Yard	Conversion Formulae Parallelograms Triangles Circumference Diameter Perpendicular height Approximately equal Equation Formula
Measurement (height, weight and capacity)	Height Long(er)(est) Short(er)(est) High(er)(est) Low(er)(est) Taller (er)(est) Small Tall Weight Heavy Light Heavier than Lighter than Big Bigger Biggest Fully Empty More than Less than	Capacity Half Half full Hollow Shallow Deep Estimate Scales Thick(er)(est) Thin(er)(est)	Mass Volume Accurate Contains Depth Contains(er) Non-standard unit of measure Weigh/ing	Kilogram Half-kilogram Gram Quarter full Three quarters full Litres Half-Litre Millilitres Temperature Celsius Approximate Exact Thermometer Measuring jug Tape measure	Centigrade Intervals Quantity	Measuring cylinder Convert Equivalence	Cubic centimetre Pounds Pints Displace Gallons Imperial gallon Imperial Metric Ounces Stones Tonnes Tons Volume	Cubic metre Cubic milimetre Cubic kilometre Centilitre Equation Formula

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Measurement (time)	Time Quicker Slower Earlier Later Before After First Next Today Yesterday Tomorrow Morning Afternoon Evening Day Week Clock	Hour Minutes During O'clock Watch	Chronological order Month Calendar Seasons Date Year Half past Seconds Quarter past Quarter to Always Finally Midnight	Intervals of time Duration Analogue Digital Minutes to/past Earliest Fortnight Midday Minutes to/past Noon	Roman numerals 12/hour clock 24/hour clock Am/pm Noon Midnight Leap year Digital Clockwise Anticlockwise Century	Convert Decade Millennium		Annual
Measurement (money)	Money Coins Notes Buy	Amount Cheaper Cost Price	Pounds Pence Change Spent Worth	Value Fewer Rounding	Afford Budget Expensive Sum	Half-price Sale	Best value Currency Discount Exchange rate Profit	Original price Tax Salary
Geometry- properties of shape	Rectangle Square Circle Triangle Round Star	2-d shapes Characteristics 3-d shapes Cuboids Cubes Spheres Cone Curved Straight Flat	Sides Properties Pyramids Faces Oblong Sphere Centre Edge Identical Point	Angle Arrow Pentagon Hexagon Line of symmetry Properties Edges Vertices Vertex	Right-angle triangle Heptagon Polygon Orientations Angles Acute angle Obtuse angle Turn Right angles	Isosceles Equilateral Scalene Right angled Trapezium Parallelogram Geometric Asymmetry Axis Concave	Regular Irregular Reflex angle Degrees Whole turn Vertically opposite Dimensions Exterior Interior	Radius Diameter Circumference Dimensions Icosahedron Breadth Dissect Polyhedron

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		Corners Cylinder Pyramid Surface Symmetry Length Wide	Surface Symmetry	Circular Diagonal Mirror image Octagon Prism Triangular Horizontal Vertical Square prism	Perpendicular Parallel Kite Perimeter Quadrilateral Rhombus Square-based pyramid Triangular prism Hemi-sphere	Decagon Dodecagon Cylindrical	Octahedron Angles around a point Angles on a straight line Asymmetric Protractor	Vertically opposite angles
Position and direction	Over Under Around Through On Into Next to Behind On top of	Between Beneath Order Repeat Patterns Middle	Position Direction Movement Whole turn Quarter turn Half turn Three-quarter turn	Clockwise Anti-clockwise Straight line Rotation Arrange Sequences Diagonal Ninety degree turn	Half turn $\frac{3}{4}$ turn Compass point North East South West Grid reference Orientation	Co-ordinates First quadrant Grid Translation Plot Polygon Axis Degrees Midpoint North-east North-west South-east South-west Tesselate X/Y axis	Reflection Enlarge	Four quadrants Co-ordinate Plane Scale-factor
Statistics				Pictograms Tally chart Block diagram Category Sorting Totaling	Table Bar chart	Time graph Discrete data Continuous data Line graph Calculate Interpret	Timetable Two-way table	Pie chart Mean

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				Comparing Horizontal Vertical				
Ratio and proportion		Fair share Half	Equal parts	Equivalent		Equate	Equivalence Percentage Proportion Ratio	Relative size Integer Scale factor
Algebra								Formulae Algebraically Equation Unknowns Expression