

Maths Vocabulary Progression Map

EYFS	<b>Place Value</b> One more One less Fewer More	<b>Addition and Subtraction</b> Add Altogether Total More than Takeaway Subtract How many Fewer Less than	<b>Multiplication and Division</b> Double Pattern Share Halve	<b>Geometry - Shape</b> Sides Straight Corners Round	<b>Time</b> First Next Then Before After Morning Lunchtime Evening Night	<b>Measurement</b> Longer Shorter Heavier Lighter			
Year 1	<b>Place Value</b> One more One less Equal to More than Less than Most Least Total Count	<b>Addition and Subtraction</b> symbol add more plus make altogether subtract take away less equals number bonds number line	<b>Multiplication and Division</b> Equal groups Equal rows Grouping Sharing Doubles Halves Count in (2s, 5s, 10s) Lots of Groups of Array	<b>Fractions</b> Equal Whole Parts Half/ halve Quarter Share	<b>Geometry - Shape/Position and Direction</b> Circle Square Rectangle Triangle Cube Cuboid Pyramid Sphere Cylinder Cone 2D shape 3D shape  Left/ Right Top/ Middle/ Bottom Above/ Below/ Under On top In front of Between Around Near Close Up/ Down Forwards/ Backwards Inside/ Outside Whole, half, quarter, three quarter turns Clockwise/ Anti-clockwise Position Direction Motion	<b>Time</b> Hour Minutes Seconds Before/ After First/ Next Earlier/ Later Quicker/ Slower Yesterday/ Today/ Tomorrow Morning/ Afternoon/ Evening Days of the week/ Months of the year O'clock Half past	<b>Measurement</b> length and height centimetres mass and weight capacity and volume long / longer short / shorter tall / taller heavy/ heavier light / lighter equal	<b>Money</b> Pence Pound Coin Note Value Worth Greater than Less than The same as	
Yr 2	<b>Place Value</b> represents greater than/less than	<b>Addition and Subtraction</b> add/addition more	<b>Multiplication and Division</b> Equal groups Grouping	<b>Fractions</b> Equal Whole Parts	<b>Geometry - Shape/Position and Direction</b> Pentagon Hexagon	<b>Time</b> time o'clock half past quarter to / quarter past	<b>Measurement</b> metres/	<b>Money</b> Pounds	<b>Statistics</b> Pictogram Tally chart Block diagram Table Total

Maths Vocabulary Progression Map

	more than fewer most least equal to tens and ones place value	plus make sum altogether total equals calculation tens and ones number line subtract/subtraction take away leave minus less difference difference between	Sharing Count in (2s, 5s, 10s) Repeated addition Lots of Groups of Array Divide Divided by Multiply Multiple	Half/ halve Quarter Third Divided Unit fraction Non- unit fraction Equivalent	Sides Curved/ Straight Edges Vertex/ Vertices/ Corners Faces Cuboid, Cone, Prism Quadrilateral Polygon Symmetry Vertical	minutes / hours / days minute hand / hour hand interval / duration longer / shorter	centimetres (m/cm) kilograms/grams (kg/g) litres/millilitres (l, ml) Degrees Celsius (°C) more than/less than taller/tallest longer/longest shorter/shortest heavier/lighter/ heaviest/lightest warm/cold/ warmer/colder	pence penny equal coins notes value equivalent change	Compare Scale Record Data Most/ Least Popular More/ Fewer
Yr 3	<b>Place Value</b> compare greater than > less than < numeral place value ones, tens, hundreds digit count in fifties represent increase decrease	<b>Addition and Subtraction</b> add/addition subtract/ subtraction calculate/ calculation mental calculation written method operation total amount exchange regroup	<b>Multiplication and Division</b> multiply times groups of lots of array divide share divide commutativity	<b>Fractions</b> Fraction Numerator Denominator Equivalent unit fraction tenths	<b>Geometry</b> angle acute / right / obtuse horizontal vertical parallel perpendicular symmetry faces edges vertices	<b>Time</b> seconds / minutes / hours o'clock / a.m. / p.m. morning / afternoon noon / midday midnight day / month / year leap year Roman numerals duration	<b>Measurement/ Perimeter</b> length m / cm / mm mass kg / g volume / capacity l / ml convert equivalent  perimeter distance length measure centimetres method repeated addition multiplication	<b>Money</b> pounds pence penny equal coins / notes value amount equivalent add / subtract change	<b>Statistics</b> data bar chart pictogram table axis / axes
Yr 4	<b>Place Value</b> increase/decrease rounding nearest negative number compare order digit sequence place value ones, tens, hundreds, thousands	<b>Addition and Subtraction</b> add/addition subtract/subtraction calculate/calculation mental calculation written method operation total amount exchange regroup	<b>Multiplication and Division</b> multiply/ multiplication divide/division calculate/calculation mental calculation written method operation remainder factor/factor pairs efficient exchange commutative law	<b>Fractions &amp; Decimals</b> fraction numerator denominator equivalent unit fraction hundredths tenths  decimal decimal place tenths hundredths round compare	<b>Geometry -Position and Direction</b> Position Direction Coordinates Axis Axes x-axis y-axis quadrant scale plot movement translation	<b>Time</b> Analogue Digital Convert Duration 12-hour 24-hour Hour Minute Second Day Week Month Year	<b>Length and Perimeter/Area/</b> convert distance kilometre length measure metre perimeter rectangle rectilinear width  area	<b>Money</b> pounds / pence coins / notes value amount total change estimate convert compare / order	<b>Statistics</b> discrete / continuous data bar chart / pictogram time / line graph comparison / sum / difference scale axis / axes

Maths Vocabulary Progression Map

					up/down/ left/right		rectilinear shapes space surface compare equal to greater than less than order		
Yr 5	<b>Place Value</b> increase/decrease less than/greater than equal to rounding nearest negative number compare order partitioning place value ones, tens, hundreds, thousands, ten thousands, hundred thousands	<b>Addition and Subtraction</b> subtract/subtraction calculate/calculation mental calculation written method operation total amount exchange regroup inverse estimate	<b>Multiplication and Division</b> factor multiple common prime number square number squared cube number cubed	<b>Fractions, Decimals &amp; Percentages</b> numerator denominator equivalent mixed number improper fraction  decimal fraction numerator / denominator tenths / hundredths / thousandths round equivalent	<b>Geometry/Position and Direction</b> 2D / 3D / regular / irregular acute / obtuse / reflex angles degrees protractor inside /outside scales  position direction coordinates axis axes origin x-axis/ y-axis vertices/vertex quadrant scale plot movement translation left/ right/ up/ down reflection mirror line	<b>Time</b> year month week day hour minute second convert / units difference timetable	<b>Perimeter and Area</b> measure perimeter composite rectilinear centimetres metres area square centimetres square metres estimate irregular	<b>Money</b> year month week day hour minute second convert / units difference timetable	<b>Statistics</b> discrete / continuous data line graph timetable comparison / sum / difference scale axis / axes  <b>Converting Units</b> metric / imperial length / mass / volume / capacity millimetres / centimetres / metres / kilometres inches grams / kilograms pounds litres / millilitres pints estimate / approximate convert
Yr 6	<b>Place Value</b> increase/decrease less than/greater than equal to rounding nearest negative number compare	<b>Addition and Subtraction</b> add/addition subtract/subtraction calculate/calculation mental calculation written method Inverse estimate	<b>Multiplication and Division</b> multiply times groups of lots of product divide	<b>Fractions, Decimals, Percentages, Ratio &amp; Algebra</b> numerator denominator factors multiples equivalent simplify	<b>Geometry - Shape/Position and Direction</b> circle radius diameter circumference	<b>Measure</b> metric / imperial length / mass / volume / capacity mm / cm / m / km miles inches / foot			

Maths Vocabulary Progression Map

	<p>order partitioning place value Part, part whole ones, tens, hundreds, thousands, ten thousands, hundred thousands, millions, ten million</p>	<p>operation total amount exchange regroup</p>	<p>share equal</p>	<p>mixed numbers proper fractions improper fractions</p> <p>decimal fraction equivalent convert value digit integer round tenths / hundredths / thousandths</p> <p>percentage decimal fraction equivalent convert amount value</p> <p>ratio / proportion quantity / value 'for every' part / whole symbol / colon scale factor / enlargement fraction / numerator / denominator</p>	<p>2D / 3D shapes nets acute / right / obtuse / reflex angle vertically opposite angle protractor compass triangle quadrilateral polygon</p> <p>position direction coordinates quadrants shapes translate units plane reflect axis axes</p>	<p>grams / kilograms / tonnes ounces / pounds / stone litres / millilitres gallons / pints estimate / approximate convert</p> <p>area / perimeter / volume rectilinear formula / formulae approximate estimate base perpendicular parallelogram / triangle cubic units cube / cuboid</p>			
--	---	--	------------------------	---	---	--	--	--	--