

Maths Vocabulary Progression Map

<p>Year 1</p>	<p>Place Value One more One less Equal to More than Less than Most Least Total Count</p>	<p>Addition and Subtraction symbol add more plus make altogether subtract take away less equals number bonds number line</p>	<p>Multiplication and Division Equal groups Equal rows Grouping Sharing Doubles Halves Count in (2s, 5s, 10s) Lots of Groups of Array</p>	<p>Fractions Equal Whole Parts Half/ halve Quarter Share</p>	<p>Geometry - Shape/Position and Direction 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</p>	<p>Time 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</p>	<p>Measurement length and height centimetres mass and weight capacity and volume long / longer short / shorter tall / taller heavy/ heavier light / lighter equal</p>	<p>Money Pence Pound Coin Note Value Worth Greater than Less than The same as</p>	
<p>Yr 2</p>	<p>Place Value represents greater than/less than more than fewer most least equal to tens and ones place value</p>	<p>Addition and Subtraction add/addition more plus make sum altogether total equals calculation tens and ones number line subtract/subtraction take away</p>	<p>Multiplication and Division Equal groups Grouping Sharing Count in (2s, 5s, 10s) Repeated addition Lots of Groups of Array Divide Divided by Multiply Multiple</p>	<p>Fractions Equal Whole Parts Half/ halve Quarter Third Divided Unit fraction Non-unit fraction Equivalent</p>	<p>Geometry - Shape/Position and Direction Pentagon Hexagon Sides Curved/ Straight Edges Vertex/ Vertices/ Corners Faces Cuboid, Cone, Prism Quadrilateral Polygon Symmetry Vertical</p>	<p>Time time o'clock half past quarter to / quarter past minutes / hours / days minute hand / hour hand interval / duration longer / shorter</p>	<p>Measurement metres/ 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</p>	<p>Money Pounds pence penny equal coins notes value equivalent change</p>	<p>Statistics Pictogram Tally chart Block diagram Table Total Compare Scale Record Data Most/ Least Popular More/ Fewer</p>

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		leave minus less difference difference between							
Yr 3	Place Value compare greater than > less than < numeral place value ones, tens, hundreds digit count in fifties represent increase decrease	Addition and Subtraction add/addition subtract/ subtraction calculate/ calculation mental calculation written method operation total amount exchange regroup	Multiplication and Division multiply times groups of lots of array divide share divide commutativity	Fractions Fraction Numerator Denominator Equivalent unit fraction tenths	Geometry angle acute / right / obtuse horizontal vertical parallel perpendicular symmetry faces edges vertices	Time seconds / minutes / hours o'clock / a.m. / p.m. morning / afternoon noon / midday midnight day / month / year leap year Roman numerals duration	Measurement/ Perimeter length m /cm /mm mass kg / g volume / capacity l / ml convert equivalent perimeter distance length measure centimetres method repeated addition multiplication	Money pounds pence penny equal coins / notes value amount equivalent add / subtract change	Statistics data bar chart pictogram table axis / axes
Yr 4	Place Value increase/decrease rounding nearest negative number compare order digit sequence place value ones, tens, hundreds, thousands	Addition and Subtraction add/addition subtract/subtraction calculate/calculation mental calculation written method operation total amount exchange regroup	Multiplication and Division multiply/ multiplication divide/division calculate/calculation mental calculation written method operation remainder factor/factor pairs efficient exchange commutative law	Fractions & Decimals fraction numerator denominator equivalent unit fraction hundredths tenths decimal decimal place tenths hundredths round compare	Geometry -Position and Direction Position Direction Coordinates Axis Axes x-axis y-axes quadrant scale plot movement translation up/down/ left/right	Time Analogue Digital Convert Duration 12-hour 24-hour Hour Minute Second Day Week Month Year	Length and Perimeter/Area/ convert distance kilometre length measure metre perimeter rectangle rectilinear width area rectilinear shapes space surface compare equal to greater than less than order	Money pounds / pence coins / notes value amount total change estimate convert compare / order	Statistics discrete / continuous data bar chart / pictogram time / line graph comparison / sum / difference scale axis / axes
Yr 5	Place Value increase/decrease	Addition and Subtraction	Multiplication and Division	Fractions, Decimals & Percentages	Geometry/Position and Direction	Time year	Perimeter and Area measure	Money year	Statistics

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

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				<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>quadrilateral polygon</p> <p>position direction coordinates quadrants shapes translate units plane reflect axis axes</p>	<p>area / perimeter / volume rectilinear formula / formulae approximate estimate base perpendicular parallelogram / triangle cubic units cube / cuboid</p>			
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