# Maths Vocabulary Progression R-Y6

| | Number/PV | +/- | x/÷ | ½ % £ | Geometry | Measures | Statistics |
|---|---|---|---|---|---|---|---|
| **YR** | Number<br>One, two, three … to twenty<br>Teens numbers, eleven, twelve, thirteen …<br>None, Zero<br>Count in ones, twos, fives, tens<br>More, larger, bigger<br>Next<br>Order<br>Is the same as<br>Part-part-whole<br>guess<br>How many … ?<br>Estimate<br>Nearly, close to, about the same as.<br>Just over/under<br>Too many/few<br>Enough, not enough | Add,<br>Take away<br>Equals<br>How many..?<br>Altogether<br>Double<br>How many more to make…?<br>One more, two more<br>Difference between<br>Count, count up to.<br>Count on from/to, count back from/to | Sharing<br>Groups of<br>Doubling<br>Halving | Parts of a whole<br>Half<br>Quarter | On, over, under, above, behind, in front of, in, next to/beside, between<br>Left, right<br>Circle, triangle, rectangle, square<br>Cube, pyramid, cuboid, cone, sphere, cylinder<br>Sides, corners, faces | Shorter, longer<br>Bigger, smaller<br>Heavier, lighter<br>Empty, full, half full<br>Days of the week<br>Months of the year<br>Seasons<br>Before/after<br>Pattern<br>Compare<br>Longer, shorter, taller<br>Heavy, heaviest, lightest<br>Full, empty | Count, sort<br>Group |
| **Y1** | Digit<br>Numeral<br>Figure(s)<br>Odd, even<br>Twenty one, twenty two … one hundred<br>Compare<br>In order/a different order<br>Value<br>between<br>Forwards, backwards<br>Ten more/less<br>Equal to<br>Equivalent to<br>Most, least, many<br>Half-way between<br>Part-part-whole<br>Roughly | Number bonds<br>Number pairs<br>Number line<br>Add, more, plus, make, sum, total, altogether<br>Inverse<br>Double, near double<br>Half, halve<br>Equals, is the same as<br>Difference between<br>How many more/less to make..?<br>Ten more/ ten less<br>Subtract, minus, take away<br>Addition, subtraction<br>Missing number | Multiplication<br>Multiply<br>Multiplied by<br>Multiple<br>Division<br>Dividing<br>Grouping<br>How many times..?<br>Count in twos, threes, fives<br>Count in tens (forwards and backwards from…)<br>Lots of, groups of<br>Once, twice, three times, five times<br>Multiple of<br>Repeated addition<br>Array, row, column<br>Double, halve<br>Share, share equally | Whole<br>Fraction<br>Equal parts<br>Equal grouping<br>Equal sharing<br>Parts of a whole<br>One of two equal parts<br>One half, two halves<br>One of four equal parts<br>A quarter | Group, sort<br>Cube, pyramid, cuboid<br>Sphere, cone, cylinder, circle, triangle, square<br>Shape<br>Flat, curved, straight, round<br>Hollow, solid<br>Corner (point, pointed)<br>Face, side, edge<br>Position<br>Over, under, underneath, above, below, top, bottom, side<br>On, in, inside, outside<br>Around, in front, behind<br>Front, back<br>Before, after<br>Beside, opposite, next | Full, half full, empty<br>Container<br>Weight, weighs, balances<br>Heavy, heavier, heaviest<br>Light, lighter, lightest<br>Scales<br>Time<br>Days of the week<br>Seasons<br>Months of the year<br>Day, week, month, year, weekend<br>Morning, afternoon, evening, night, midnight<br>Today, yesterday, tomorrow<br>Before, after<br>Next, last<br>Now, soon, early, late | Vote<br>Table |

| | | | Equal groups of Divide, divided by, left, left over | | to Apart Between, middle, edge, centre Direction Left, right, up, down, forwards, backwards, sideways, across Close, near, far Symmetry, Symmetrical, | Quick, quicker, fast, faster, slow, slower Old, older, new, newer Takes longer, takes less time Hour, O'Clock Half past Clock, watch, hands How long ago..? Once, twice First, second, third.. Etc. Length, width, height, depth Metre, ruler, metre stick Money, coin, penny, pence Pound, price, cost, buy, pay, change, cheaper, dearer, total | |
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| **Y2** | Numbers to one hundred, tens, ones Hundreds Partition Rename/regroup hundred more, hundred less Sequence, continue > greater than < less than Exact, exactly Show how you | One hundred more/less Fact family Tens boundary | Groups of Times Once, twice, three times… ten times Repeated addition Equal groups of Left, left over Multiplication table Multiplication fact Division fact Multiplication/ division fact family | Two quarters, Three quarters, one One third, two thirds One of three equal parts Equivalence, equivalent fraction Mixed number | Rotation Clockwise/anticlockwise Straight line Ninety degree turn, right angle Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line/reflection Pattern, repeating pattern Surface Circular, rectangular, triangular Pentagon, hexagon, octagon Clockwise anticlockwise | Quarter past/to m/km, g/kg, ml/l Temperature (degrees) Fortnight 5, 10, 15… minutes past Digital/analogue clock/watch Timer Seconds Bought, sold | Count, tally, sort Vote Graph, block graph, pictogram Represent Group, set, list, table Label, title Most popular, most common, least popular, least common |
| **Y3** | Numbers to one thousand Count in eights, fifties, hundreds Relationship Inverse Approximate, approximately | Column addition and subtraction Hundreds boundary | Multiples of four, eight, fifty and one hundred Scale up Factor Product Remainder Multiplication; formal method | Sixths, sevenths, eighths Compare and order Tenths Numerator Denominator Unit fraction Non-unit fraction | Angle (is a greater/smaller than…) Right angle Acute angle Obtuse angle Orientation (same orientation, different orientation) | Century Leap year Calendar Twelve hour Clock twenty-four hour clock Am, Pm Roman numerals (I to XIII) | Chart Bar chart Frequency table Carroll diagram Venn diagram Axis, axes Diagram |

| | | | | | Horizontal, Vertical, diagonal<br>Perpendicular and parallel lines<br>Perimeter<br>Pentagonal, hexagonal, octagonal, quadrilateral<br>Hemisphere, prism, triangular prism<br>Compass point<br>North, South, East, West (N,S,E,W) | Earliest, Latest | |
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| **Y4** | Tenths/hundredths<br>Decimal places<br>Round (to nearest)<br>Thousand more/less<br>Count through zero<br>Negative numbers<br>Roman Numeral (I to C)<br>Count in sixes, sevens, nines, twenty-fives<br>Next, consecutive<br>Integer, positive, negative | Inverse | Multiplication facts up to 12x12<br>Division facts<br>Inverse<br>Derive<br>Square, cube | Equivalent decimals and fractions<br>Hundredths<br>Decimal, decimal place | Quadrilaterals<br>Triangles (equilateral, isosceles, scalene)<br>Heptagon<br>Parallelogram, rhombus, trapezium<br>Tetrahedron, polyhedron<br>Right angle, acute and obtuse angles<br>Base, square-based<br>Reflect, reflection<br>Rotate, rotation<br>Regular, irregular<br>2-D, two-dimensional<br>3-D, three-dimensional<br>Spherical<br>Cylindrical<br>Oblong<br>Coordinates<br>Translation, translate<br>Quadrant<br>X-axis, y-axis<br>Perimeter and area<br>Rectilinear<br>Line<br>Centre<br>Construct, sketch | Convert<br>Unit<br>Standard unit<br>Metric unit<br>Degree<br>Angle measurer<br>Breadth<br>Edge<br>Area, covers<br>Square centimetre (cm²)<br>Mass: big, bigger, small, smaller<br>Weight: heavy/light, heavier/lighter<br>Leap year<br>Millenium<br>Noon<br>Date of birth<br>Timetable, arrive, depart<br>Compass<br>North, south, east, west (N,S,E,W)<br>North-east, north-west, south-east, south-west (NE, NW, SE, SW) | Data<br>Continuous data<br>Line graph<br>Survey<br>Questionnaire<br><br>Justify<br>Make a statement |
| **Y5** | Powers of 10<br>Ten thousand more/less<br>≥ greater than or equal to<br>≤ less than or equal to<br>Formula<br>Ascending/descending | Efficient written method | Factor pairs<br>Composite numbers<br>Prime numbers<br>Prime factors<br>Square numbers<br>Cube numbers | Proper fractions<br>Improper fractions<br>Mixed numbers<br>Percentage, per cent, %<br>Thousandths<br>Half, quarter, fifth, two | Regular and irregular polygons<br>Reflex angle<br>Dimensions<br>Congruent<br>Axis of symmetry, reflective symmetry | Volume<br>Imperial units<br>Metric units<br>Square metre (m²)<br>Square millimetre (mm²)<br>Pint, gallon<br>Discount | Bar line chart<br>Line graph<br>Maximum/minimum value<br>Outcome<br>Database |

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| order | | Formal written method | fifths, four fifths<br>Ratio, proportion | Net, open, closed | Currency<br>Protractor | |
| **Y6** | Numbers to 10 million<br>1 million more/less<br>Relationship<br>Pattern/rule<br>Digit total | | Order of Operations<br>Common factors, common multiples<br>Factorise | Degree of accuracy<br>Simplify | Vertically opposite (angles)<br>Reflex angle<br>Intersecting<br>Circumference, radius, diameter<br>Four quadrants (for coordinates) | Yard, foot, feet, inches<br>Tonne, pound, ounce<br>Centilitre<br>Mile<br>Cubic metre, cm, ml, km<br>Profit, loss<br>Greenwich Mean Time, British Summer Time<br>International Date Line<br><br>**Algebra:**<br>Linear number<br>Formula<br>Sequence<br>Substitute<br>Variables<br>Symbol<br>Known values<br>Unknown | Mean<br>Pie chart<br>Construct<br>Statistics<br>Mean, median, mode<br>Average |