



# Bursley Academy - Maths Curriculum – Key Vocabulary



| Year 1   | Year 2   | Year 3  | Year 4  | Year 5   | Year 6   |
|--|--|---|---|--|--|
| <p><b>Number and place value</b></p> <p>Number<br/>Zero, one, two, three to twenty, and beyond<br/>None<br/>Count (on/up/to/from/down)<br/>Before, after<br/>More, less, many, few, fewer, least, fewest, smallest, greater, lesser<br/>Equal to, the same as<br/>Odd, even<br/>Pair<br/>Units, ones, tens<br/>Ten more/less<br/>Digit<br/>Numeral Figure(s)<br/>Compare (In) order/a different order<br/>Size Value<br/>Between, halfway between<br/>Above, below</p> | <p><b>Number and place value</b></p> <p>Numbers to one hundred<br/>Hundreds<br/>Partition, recombine<br/>Hundred more/less</p> | <p><b>Number and place value</b></p> <p>Numbers to one thousand</p>           | <p><b>Number and place value</b></p> <p>Tenths, hundredths<br/>Decimal (places)<br/>Round (to nearest)<br/>Thousand more/less than<br/>Negative integers<br/>Count through zero<br/>Roman numerals (I to C)</p> | <p><b>Number and place value</b></p> <p>Powers of 10</p>               | <p><b>Number and place value</b></p> <p>Numbers to ten million</p> |
| <p><b>Addition and subtraction</b></p> <p>Number bonds, number line<br/>Add, more, plus, make, sum, total, altogether</p>  | <p><b>Measure</b></p> <p>Quarter past/to<br/>m/km, g/kg, ml/l<br/>Temperature (degrees)</p>                                    | <p><b>Addition and subtraction</b></p> <p>Column addition and subtraction</p> | <p><b>Multiplication and division</b></p> <p>Multiplication facts (up to 12x12)<br/>Division facts<br/>Inverse<br/>Derive</p>   | <p><b>Addition and subtraction</b></p> <p>Efficient written method</p> | <p><b>Addition and subtraction</b></p> <p>Order of operation</p>   |



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|   |   |   |                                      |   |  |
|---|---|---|--------------------------------------|---|--|
| <p>Inverse<br/>         Double, near double<br/>         Half, halve<br/>         Equals, is the same as (including equals sign)<br/>         Difference between<br/>         How many more to make..?, how many more is...than..?, how much more is..?<br/>         Subtract, take away, minus<br/>         How many fewer is...than..?, how much less is..?</p>   |   |   |                                      |   |  |
| <p><b>Multiplication and division</b></p> <p>Odd, even<br/>         Count in twos, threes, fives<br/>         Count in tens (forwards from/backwards from)<br/>         How many times?<br/>         Lots of, groups of<br/>         Once, twice, three times, five times<br/>         Multiple of, times, multiply, multiply by<br/>         Repeated addition</p> | <p><b>Geometry (position and direction)</b></p> <p>Rotation<br/>         Clockwise, anticlockwise<br/>         Straight line<br/>         Ninety degree turn, right angle</p> | <p><b>Multiplication and division</b></p> <p>Product<br/>         Multiples of four, eight, fifty and one hundred<br/>         Scale up</p> | <p><b>Measure</b></p> <p>Convert</p> | <p><b>Multiplication and division</b></p> <p>Factor pairs<br/>         Composite numbers, prime number, prime factors, square number, cubed number<br/>         Formal written method</p> | <p><b>Multiplication and division</b></p> <p>Order of operations<br/>         Common factors, common multiples</p> |



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|--|--|--|---|---|---|
| <p>Array, row, column<br/>         Double, halve<br/>         Share, share equally<br/>         Group in pairs, threes, etc.<br/>         Equal groups of<br/>         Divide, divided by, left, left over</p>   |  |  |   |   |   |
| <p><b>Measure</b></p> <p>Full, half full, empty<br/>         Holds<br/>         Container<br/>         Weigh, weighs, balances<br/>         Heavy, heavier, heaviest, light, lighter, lightest<br/>         Scales Time<br/>         Days of the week: Monday, Tuesday, etc.<br/>         Seasons: spring, summer, autumn, winter<br/>         Day, week, month, year, weekend<br/>         Birthday, holiday<br/>         Morning, afternoon, evening, night, midnight<br/>         Bedtime, dinnertime, playtime<br/>         Today, yesterday, tomorrow</p> | <p><b>Geometry (properties of shape)</b></p> <p>Size<br/>         Bigger, larger, smaller<br/>         Symmetrical, line of symmetry<br/>         Fold<br/>         Match<br/>         Mirror line, reflection<br/>         Pattern, repeating pattern</p> | <p><b>Measure</b></p> <p>Leap year<br/>         Twelve-hour/twenty-four-hour clock<br/>         Roman numerals I to XIII</p> | <p><b>Geometry (position and shape)</b></p> <p>Coordinates<br/>         Translation<br/>         Quadrant<br/>         x-axis, y-axis<br/>         Perimeter and area</p> | <p><b>Measure</b></p> <p>Volume<br/>         Imperial units, metric units</p> | <p><b>Geometry (position and direction)</b></p> <p>Four quadrants (for coordinates)</p> |



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|--|--|--|--|--|--|
| <p>Before, after<br/>Next, last<br/>Now, soon, early,<br/>late<br/>Quick, quicker,<br/>quickest, quickly,<br/>fast, faster,<br/>fastest, slow,<br/>slower,<br/>slowest, slowly<br/>Old, older, oldest,<br/>new, newer,<br/>newest<br/>Takes longer,<br/>takes less time<br/>Hour,<br/>o'clock, half past<br/>Clock, watch,<br/>hands<br/>How long ago?,<br/>how long will it<br/>be<br/>to...?, how long<br/>will it take to...?,<br/>how often?<br/>Always, never,<br/>often, sometimes,<br/>usually<br/>Once, twice<br/>First, second,<br/>third, etc.<br/>Estimate,<br/>close to, about the<br/>same as, just<br/>over, just under<br/>Too many, too few,<br/>not enough,<br/>enough<br/>Length, width,<br/>height, depth</p> |  |  |  |  |  |
|--|--|--|--|--|--|



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|   |  |  |   |   |   |
|---|--|--|---|---|---|
| <p>Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest<br/>         Low, wide, narrow, deep, shallow, thick, thin<br/>         Far, near, close<br/>         Metre, ruler, metre stick<br/>         Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same<br/>         as<br/>         How much?, how many? Total</p> |  |  |   |   |   |
| <p><b>Fractions</b></p> <p>Whole<br/>         Equal parts, four equal parts<br/>         One half, two halves<br/>         A quarter, two quarters</p>  | <p><b>Fractions</b></p> <p>Three quarters, one third, a third<br/>         Equivalence, equivalent</p> | <p><b>Geometry (position and direction)</b></p> <p>Greater/less than ninety degrees<br/>         Orientation (same orientation, different orientation)</p> | <p><b>Geometry (properties of shape)</b></p> <p>Quadrilaterals<br/>         Triangles<br/>         Right angle, acute and obtuse angles</p> | <p><b>Geometry (position and direction)</b></p> <p>Reflex angle<br/>         Dimensions</p> | <p><b>Geometry (properties of shape)</b></p> <p>Vertically opposite (angles)<br/>         Circumference, radius, diameter</p> |
| <p><b>General/ Problem solving</b></p>  | <p><b>Data/ Statistics</b></p>   | <p><b>Geometry (properties of shape)</b></p>   | <p><b>Fractions and decimals</b></p>  | <p><b>Geometry (properties of shape)</b></p>  | <p><b>Fractions, decimals and percentages</b></p>   |



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|   |   |   |  |   |   |
|---|---|---|--|---|---|
| <p>Listen, join in<br/>Say, think,<br/>imagine,<br/>remember<br/>Start from, start with, start at<br/>Look at, point to<br/>Put, place, fit<br/>Arrange,<br/>rearrange<br/>Change, change over<br/>Split, separate<br/>Carry on,<br/>continue, repeat,<br/>what comes next?<br/>Find, choose,<br/>collect, use, make,<br/>build</p> | <p>Count, tally, sort<br/>Vote<br/>Graph, block graph, pictogram,<br/>Represent<br/>Group, set, list, table<br/>Label, title<br/>Most popular, most common,<br/>least popular, least common</p> | <p>Horizontal, vertical,<br/>perpendicular and parallel lines</p>   | <p>Equivalent decimals and fractions</p>                               | <p>Regular and irregular Polygons</p>   | <p>Degree of accuracy Simplify</p>  |
|   | <p><b>General/ problem solving</b><br/><br/>Predict<br/>Describe the pattern, describe the rule<br/>Find, find all, find different<br/>Investigate</p>  | <p><b>Fractions</b><br/><br/>Numerator, denominator<br/>Unit fraction, non-unit fraction<br/>Compare and order<br/>Tenths</p> | <p><b>Data/ statistics</b><br/><br/>Continuous data<br/>Line graph</p> | <p><b>Fractions, decimals and percentages</b><br/><br/>Proper fractions, improper fractions, mixed numbers<br/>Percentage Half, quarter, fifth, two fifths, four fifths<br/>Ratio, proportion</p> | <p><b>Algebra</b><br/><br/>Linear number sequence<br/>Substitute<br/>Variables Symbol<br/>Known value</p> |
|   |   | <p><b>Data /Statistics</b><br/><br/>Chart, bar chart, frequency table, Carroll diagram, Venn diagram</p>                      |  |   | <p><b>Data/ Statistics</b><br/><br/>Mean<br/>Pie chart<br/>Construct</p>                                  |



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|--|--|-------------------------------------|--|--|--|
|  |  | <i>Axis, axes</i><br><i>Diagram</i> |  |  |  |
|--|--|-------------------------------------|--|--|--|