



| Maths vocabulary for year 1              |  |
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| <b>Number and place value</b>            | Ten more/less, digit, numeral, figure(s), compare, (in) order/a different order, size, value, between, halfway between, above, below, tens, ones   |
| <b>Addition and subtraction</b>          | Number bonds, number line, add, more, plus, make, sum, total, altogether, inverse, double, near double, equals, is the same as (including equals sign), difference between, subtract, take away, minus<br><br>How many more to make ...?, How many more is ... than ... ?, How much more is ... ?, How many fewer is ... than ... ?, How much less is ... ?  |
| <b>Multiplication and division</b>       | Once, twice, three, five times, multiple of times<br><br>Multiply, multiply by, repeated addition, array, row, column, double, halve, share, share equally, group in pairs, threes, etc., equal groups of, divide, divided by, left over   |
| <b>Measure</b>                           | Time, days of the week, seasons, day, week, month, year, weekend, birthday, holiday, morning, afternoon, evening, night, midnight, bedtime, dinnertime, playtime, today, yesterday, tomorrow<br><br>Before, after, next, last, now, soon, early, late, quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest<br><br>Takes longer, takes less time, hour, o'clock, half past, clock, watch, hands, how long ago?, How long will it be to ... ?, How long will it take to ... ?, How often?, always, never, often, sometimes, usually, once, twice, first, second, third, etc., estimate, close to, about the same as, just over, just under, too many, too few, not enough, enough<br><br>Length, width, height, depth, long, longer, longest, short, shorter, shortest, tall, taller, tallest, high, higher, highest, Low, wide, narrow, deep, shallow, thick, thin, far, near, close, metre, ruler, metre stick<br><br>How much?, How many?, money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as, total |
| <b>Geometry (position and direction)</b> | Before, after, beside, next to, opposite, apart, between, middle, edge, centre, corner, direction, journey, left, right, up, down, forwards, backwards, sideways, across, close, far, near, along, through, to, from, towards, away from, movement, slide, roll, turn, whole turn, half turn, stretch, bend  |
| <b>Geometry (property of shape)</b>      | Corner (point, pointed), face, side, edge, make, build, draw   |



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| <b>Fractions</b>       | Whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters  |
| <b>Problem solving</b> | <p>Change, change over, split, separate, carry on, continue, repeat, what comes next?, find, choose, collect, use, make, build</p> <p>Tell me, describe, pick out, talk about, explain, show me, read, write, record, trace, copy, complete, finish, end, fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow</p> <p>Cost, count, work out, answer, check same number(s)/different number(s)/missing number(s)</p> <p>Number facts, number line, number track, number square, number cards, abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board</p> <p>Same way, different way, best way, another way, in order, in a different order, not all, every, each</p> |



| <i>Maths vocabulary for year 2</i>       |   |
|--|---|
| <i>Number and place value</i>            | Numbers to one hundred, hundreds, partition, recombine, more/less   |
| <i>Measure</i>                           | Quarter past/to, metres, kilometers, grams, kilograms, millimeters, liters, temperature, degrees  |
| <i>Geometry (position and direction)</i> | Rotation, clockwise, anticlockwise, straight line, ninety degree turn, right angle  |
| <i>Geometry (properties of shape)</i>    | Size, bigger, larger, smaller, symmetrical, line of symmetry, fold, match, mirror line, reflection, pattern, repeating pattern                                    |
| <i>Fractions</i>                         | Three quarters, one third, a third, equivalence, equivalent   |
| <i>Data/statistics</i>                   | Count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, list, table, label, title, most popular, most common, least popular, least common |
| <i>Problem solving</i>                   | Predict, describe the pattern, describe the rule, find, find all, find different, investigate   |



| <i>Maths vocabulary for year 3</i>       |  |
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| <i>Number and place value</i>            | <i>Numbers to one thousand</i>   |
| <i>Addition and subtraction</i>          | <i>Column addition and subtraction</i>   |
| <i>Multiplication and division</i>       | <i>Product, multiples of four, eight, fifty and one hundred, scale up</i>                      |
| <i>Measure</i>                           | <i>Leap year, twelve-hour/twenty-four-hour clock, Roman numerals I to XIII</i>                 |
| <i>Geometry (position and direction)</i> | <i>Greater/less than ninety degrees, orientation (same orientation, different orientation)</i> |
| <i>Geometry (properties of shape)</i>    | <i>Horizontal, perpendicular and parallel lines</i>  |
| <i>Fractions</i>                         | <i>Numerator, denominator, unit fraction, non-unit fraction, compare and order, tenths</i>     |
| <i>Data/statistics</i>                   | <i>Chart, bar chart, frequency table, Carroll diagram, Venn diagram, axis, axe</i>             |



| <i>Maths vocabulary for year 4</i>       |  |
|--|--|
| <i>Number and place value</i>            | <i>Tenths, hundredths, decimal (places), round (to nearest), thousand more/less than, negative integers, count through zero, Roman numerals I to C</i> |
| <i>Multiplication and division</i>       | <i>Multiplication facts (up to 12x12), division facts, inverse, derive</i>   |
| <i>Measure</i>                           | <i>Convert</i>   |
| <i>Geometry (position and direction)</i> | <i>Co-ordinate, translate, quadrant, X-axis, Y-axis, perimeter, area</i>   |
| <i>Geometry (properties of shape)</i>    | <i>Quadrilaterals, triangles, right, acute and obtuse angles</i>   |
| <i>Fractions and decimals</i>            | <i>Equivalent decimals and fractions</i>   |
| <i>Data/statistics</i>                   | <i>Continuous data, line graph</i>   |



| <i>Maths vocabulary for year 5</i>       |  |
|--|--|
| <i>Number and place value</i>            | <i>Powers of 10</i>  |
| <i>Addition and subtraction</i>          | <i>Efficient written method</i>  |
| <i>Multiplication and division</i>       | <i>Factor pairs, composite numbers, prime number, prime factors, square number, cubed number, formal written method</i>                  |
| <i>Measure</i>                           | <i>Volume, imperial units, metric units</i>  |
| <i>Geometry (position and direction)</i> | <i>Reflex angle, dimensions</i>  |
| <i>Geometry (properties of shape)</i>    | <i>Regular and irregular polygons</i>  |
| <i>Fractions and decimals</i>            | <i>Proper fractions, improper fractions, mixed numbers, percentage, half, quarter, fifth, two fifths, four fifths, ratio, proportion</i> |



| <i>Maths vocabulary for year 6</i>         |  |
|--|--|
| <i>Number and place value</i>              | <i>Numbers to ten million</i>  |
| <i>Addition and subtraction</i>            | <i>Order of operations</i>   |
| <i>Multiplication and division</i>         | <i>Common factors and common multiples</i>                                 |
| <i>Geometry (position and direction)</i>   | <i>Four quadrants (for co-ordinates)</i>                                   |
| <i>Geometry (properties of shape)</i>      | <i>Vertically opposite (angles), circumference, radius, diameter</i>       |
| <i>Fractions, decimals and percentages</i> | <i>Degree of accuracy, simplify</i>  |
| <i>Algebra</i>                             | <i>Linear number sequence, substitute, variables, symbol, known values</i> |
| <i>Data/statistics</i>                     | <i>Mean, pie chart, construct</i>  |



| <i>Maths vocabulary for Early years</i>  |  |
|--|--|
| <i>Number and place value</i>            | <i>zero, number, how many...? Count on, count back, is the same as, more, less, pair, pattern, not enough, too many, nearly, estimate,</i>                         |
| <i>Addition and subtraction</i>          | <i>add, more, make, total, altogether, double, one more, two more, take away, left over,</i>   |
| <i>Multiplication and division</i>       | <i>sharing, doubling, halving</i>  |
| <i>Measure</i>                           | <i>measure, size, guess, estimate, the same, longer, shorter, narrow, wide, thick, thin, longest, shortest, tallest, highest full, empty, half full, container</i> |
| <i>Geometry (position and direction)</i> | <i>shape, pattern, flat, curve, straight, round, solid, make, build, draw, size</i>  |
| <i>Geometry</i>                          | <i>corner, side, rectangle, circle, triangle, cubes, pyramid, sphere, cone</i>   |
| <i>Fractions</i>                         | <i>part, whole, half, quarter</i>  |
| <i>Problem solving</i>                   | <i>pattern, puzzle, what could we try? Draw, compare, sort.</i>  |





*Moorland Primary School*

*Maths vocabulary*