

### Becoming Mathematicians: Vocabulary Map for Maths

|                  | Autumn 1   | Autumn 2   | Spring 1   | Spring 2  | Summer 1   | Summer 2   |
|------------------|--|--|--|---|--|--|
| <b>Nursery</b>   | <p>Space, shape, surfaces, flat, curved, bigger/smaller, on top of, up, down, through.</p> <p>Pattern, repeated, the same.</p>   | <p>Subitising, number names to 3.</p> <p>Pattern, repeated, same.</p>  | <p>Number names to 5,</p> <p>Positional language words such as below, down, up, next to etc.</p> <p>Small, big, longer, shorter, exact, taller, full, empty.</p> | <p>Number names.</p> <p>Shape names, pointy, curvy, corner, sides, straight, flat, round, edges, surfaces.</p> <p>In, on, under, up, down, besides and between.</p> <p>Pattern.</p> | <p>More than, fewer than.</p> <p>Positional words such as in front of, behind.</p> <p>Size, weight, bigger/little/smaller, high/low, tall, heavy.</p>                | <p>Numerals, numbers, number names to 5.</p> <p>How many?</p> <p>First, then, next, after, morning, afternoon, evening, night-time, earlier, later, too late, too soon, in a minute.</p> |
| <b>Reception</b> | <p>Match, pair, sort, same/different.</p> <p>Size, more/fewer, mass, capacity, pattern.</p> <p>Counting, number, numeral, ordinal, subitise, quantity, composition, circles, triangles, pattern.</p> | <p>Circles, triangles, edges, corners, identification, sorting, comparing, position.</p> <p>Subitise, numeral, quantity, compare, composition, more/less, altogether, composition.</p> | <p>Representing, compare, more/fewer, composition, pairs, subitising, doubles.</p> <p>Mass, capacity, balance, compare.</p>                                      | <p>Length, height, measure, time, compare, order, sequence.</p> <p>Representing, compare, more/fewer, composition, pairs, subitising, doubles, bonds, arrangements, even, odd.</p>  | <p>Number bonds, adding, taking away, more/less.</p> <p>2D shapes their and names, sides, corners, pattern, orientation, rotate, compose, decompose, manipulate.</p> | <p>Doubling, sharing, equal grouping, even/odd, doubles.</p> <p>Pattern, match, positional language, repeating, rules, relationships.</p>  |

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|-----------------|---|---|---|--|---|---|
|                 |   | Shape, corners, sides, identification, comparing.<br><br>Positional language, time.   |   | 3-D/2-D, patterns, edges, corners, vertices, faces, shape.   |   |   |
| <b>Year One</b> | Sort, grouping, total, represent, greater than/less than/equal to, subitising, order, part whole, match, compare, partition, addition, equal. | Fact families, addition, equal, part whole, number sentence, number bonds, systematic, subtraction, partition, the difference.<br><br>3D shape (and their names) , face, surface, properties. | Tens, ones, compare, more/less, order, less than/greater than/equal to, number bonds, subtraction, addition, commutative.       | Representation, place value, compare, tens, ones, order, grouping, less than/greater than/equal to.<br><br>Length, taller/shorter/longer, height, weight, mass, capacity, heavier/lighter. | Equal groups, arrays, doubles, sharing, multiplication, division.<br><br>Half, quarter, whole, equal parts.<br><br>Turns, full, quarter, half, three quarters, left, right, position. | Place value, partitioning, comparing, ordering,<br><br>Money, coins and their names, pence, pound,<br><br>Time, hour, hour hand, minute hand, half hour, morning, afternoon, evening.<br>Days of the week names, month names. |
| <b>Year Two</b> | Place Value, partition, expanded form, estimate, compare, tens, ones, expanded form, estimate, fact   | Vertices, vertex, symmetry, faces, edges, 2D and 3D shape names, properties, vertical,  | Multiplication, division, equal groups, sharing, odd, even, repeated addition, lots of, arrays, commutative, doubling, halving. | Fraction, equal parts, whole, half, quarter, third, three quarters, non-unit fractions, numerator,   | Length, height, centimetres, metres, tallies, pictogram, data, horizontal, vertical, symbols, key, block diagrams, table.   | Position, direction, turns, left, right, positional words e.g., behind, in-between etc.   |

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|--|-------------------------------------|---------------|--|--|--|---|
|  | families, related facts, multiples. | Pence, pound. |  | denominator, equivalent,<br><br>Quarter past, quarter to, o'clock, half past ( all times to 5 minute intervals.) digital, analogue, seconds, minutes, hours. |  | Full, quarter, half, three quarters, pattern. |
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