

# Dobcroft Infant School



## Key Mathematical Vocabulary from Foundation Stage 1 through to Year 2

This list is intended as a guide and is not exhaustive. Teachers will use and introduce children to this vocabulary throughout the school year and encourage them to use it when talking about their own learning. Children will hear mathematical vocabulary in a range of contexts and as children progress through school, they are expected to use a range of mathematical vocabulary with confidence.

	EYFS (FS1 and FS2)	Year 1	Year 2
<b>General</b>	Pattern Puzzle Recognise Describe Draw Compare Sort Tell me about... Investigate	Pattern Puzzle Recognise Describe Draw Compare Sort Tell me about... Investigate Problem Problem solving Mental Mentally Explain your method	Pattern Puzzle Recognise Describe Draw Compare Sort Tell me about... Investigate Problem Problem solving Mental Mentally Explain your method Describe the rule Describe the pattern Mental calculation Written calculation
<b>Number</b>	Zero Number One, two, three.....to twenty and beyond Teen numbers None How many? Count Count up Count on Count back Is the same as More, less	Zero Number One, two, three.....to twenty and beyond Teen numbers None How many? Count Count up Count on Count back Is the same as More, less	Zero Number One, two, three.....to twenty and beyond Teen numbers None How many? Count Count up Count on Count back Is the same as More, less

	<p>Odd, even  Few, fewer  Pattern  Pair</p>	<p>Odd, even  Few, fewer  Pattern  Pair  Numeral  Numbers from twenty to one hundred  Forwards, backwards  Equal to, equivalent  Most, least, many, multiple of  Count in ones, twos, fives, tens</p>	<p>Odd, even  Few, fewer  Pattern  Pair  Numeral  Numbers from twenty to one hundred  Forwards, backwards  Equal to, equivalent  Most, least, many, multiple of  One hundred, two hundred...one thousand  Count in ones, twos, fives, tens, threes, fours and so on</p>
<p><b>Place Value</b></p>	<p>Digit  Ones  Tens  As many as  One more  One less  More, larger, bigger, greatest  Less, fewer, smaller, least  Compare  First, second, third, last  Before, after  Next  Between</p>	<p>Digit  Ones  Tens  As many as  One more  One less  More, larger, bigger, greatest  Less, fewer, smaller, least  Compare  First, second, third, last  Before, after  Next  Between  Half way between  Above, below</p>	<p>Digit  Ones  Tens  As many as  One more  One less  More, larger, bigger, greatest  Less, fewer, smaller, least  Compare  First, second, third, last  Before, after  Next  Between  Half way between  Above, below  Sequence  Greater than, less than  One, two or three digit number  Place, place value</p>

			Stands for, represents Exchange
<b>Estimating</b>	<p>Guess How many? Estimate Nearly Close to Almost the same as Just above, just below Too many, too few Enough, not enough</p>	<p>Guess How many? Estimate Nearly Close to Almost the same as Just above, just below Too many, too few Enough, not enough Roughly</p>	<p>Guess How many? Estimate Nearly Close to Almost the same as Just above, just below Too many, too few Enough, not enough Roughly Exact, exactly</p>
<b>Addition and Subtraction</b>	<p>Add, more, and Make, sum, total Altogether Double One more, two more How many more to make? How many more is...than...? Take away Subtract How many are left? How many have gone? One less, two less How many fewer is...than...? How much less is...? Difference between</p>	<p>Add, more, and Make, sum, total Altogether Double One more, two more How many more to make? How many more is...than...? Take away Subtract How many are left? How many have gone? One less, two less How many fewer is...than...? How much less is...? Difference between Addition Subtraction Number bonds Missing number Inverse</p>	<p>Add, more, and Make, sum, total Altogether Double One more, two more How many more to make? How many more is...than...? Take away Subtract How many are left? How many have gone? One less, two less How many fewer is...than...? How much less is...? Difference between Addition Subtraction Number bonds Missing number Inverse</p>

			Tens boundary
<b>Multiplication and Division</b>	Sharing Doubling Halving Number patterns Odd, even Equal groups of	Sharing Doubling Halving Number patterns Odd, even Equal groups of Near double Half Halve Multiplication, multiply by Division, dividing by Grouping Array Repeated addition	Sharing Doubling Halving Number patterns Odd, even Equal groups of Near double Half Halve Multiplication, multiply by Division, dividing by Grouping Array Repeated addition Group in pairs, threes, tens Row, column Multiplication fact Division fact
<b>Fractions</b>	Part Whole Half	Part Whole Half Quarter Fraction Equal parts One of two equal parts One of four equal parts	Part Whole Half Quarter Fraction Equal parts One of two equal parts One of four equal parts Equivalent Mixed number Numerator, denominator Two halves, two quarters, three quarters

			One third, two thirds, one of three equal parts
<b>Measure</b>	<p>Size</p> <p>Compare</p> <p>Enough, not enough</p> <p>Too much, too little</p> <p>Long, short, tall</p> <p>High, low</p> <p>Wide, narrow</p> <p>Longer, shorter, taller, higher...</p> <p>Longest, shortest, tallest, highest...</p> <p>Far, near, close</p> <p>Weigh</p> <p>Balance</p> <p>Heavy, light</p> <p>Heaviest, lightest</p> <p>Scales</p> <p>Full, empty, half full</p>	<p>Size</p> <p>Compare</p> <p>Enough, not enough</p> <p>Too much, too little</p> <p>Long, short, tall</p> <p>High, low</p> <p>Wide, narrow</p> <p>Longer, shorter, taller, higher...</p> <p>Longest, shortest, tallest, highest...</p> <p>Far, near, close</p> <p>Weigh</p> <p>Balance</p> <p>Heavy, light</p> <p>Heaviest, lightest</p> <p>Scales</p> <p>Full, empty, half full</p> <p>Centimetre, metre</p> <p>Length, width, height, depth</p> <p>Kilogram</p> <p>Litre, capacity, volume</p>	<p>Size</p> <p>Compare</p> <p>Enough, not enough</p> <p>Too much, too little</p> <p>Long, short, tall</p> <p>High, low</p> <p>Wide, narrow</p> <p>Longer, shorter, taller, higher...</p> <p>Longest, shortest, tallest, highest...</p> <p>Far, near, close</p> <p>Weigh</p> <p>Balance</p> <p>Heavy, light</p> <p>Heaviest, lightest</p> <p>Scales</p> <p>Full, empty, half full</p> <p>Centimetre, metre</p> <p>Length, width, height, depth</p> <p>Kilogram, gram</p> <p>Litre, millilitre</p> <p>Capacity, volume</p> <p>Measuring scale</p> <p>Further, furthest</p> <p>Temperature, degrees</p>
<b>Time</b>	<p>Days of the week</p> <p>Morning, afternoon, evening, night</p> <p>Today, yesterday, tomorrow</p> <p>Before, after</p> <p>Now, next, last</p> <p>Quick, quicker, quickest</p> <p>Slow, slower, slowest</p>	<p>Days of the week</p> <p>Morning, afternoon, evening, night</p> <p>Today, yesterday, tomorrow</p> <p>Before, after</p> <p>Now, next, last</p> <p>Quick, quicker, quickest</p>	<p>Days of the week</p> <p>Morning, afternoon, evening, night</p> <p>Today, yesterday, tomorrow</p> <p>Before, after</p> <p>Now, next, last</p> <p>Quick, quicker, quickest</p>

	<p>Takes longer Takes less time Seasons (spring, summer, autumn, winter)</p>	<p>Slow, slower, slowest Takes longer Takes less time Seasons (spring, summer, autumn, winter) Months of the year O'clock Half past Hour Earlier, later How long ago? How long will it take to? Usually, sometimes, often, never</p>	<p>Slow, slower, slowest Takes longer Takes less time Seasons (spring, summer, autumn, winter) Months of the year O'clock Hour Half past Quarter to, quarter past Digital, analogue Hours, minutes, seconds Earlier, later How long ago? How long will it take to? Usually, sometimes, often, never Day, week, weekend, fortnight, month, year</p>
<b>Money</b>	<p>Coin Penny, pence, pound Cost, price Buy, sell, spend, pay</p>	<p>Coin Penny, pence, pound Cost, price Buy, sell, spend, pay Change Costs more Costs less How much? How many?</p>	<p>Coin Penny, pence, pound Cost, price Buy, sell, spend, pay Change Costs more Costs less How much? How many?</p>
<b>Geometry</b>	<p>Sort Cube, cuboid, pyramid, sphere, cone, cylinder, Circle, triangle, square, oblong, rectangle Shape</p>	<p>Sort Cube, cuboid, pyramid, sphere, cone, cylinder, Circle, triangle, square, oblong, rectangle Pentagon, hexagon</p>	<p>Sort Cube, cuboid, pyramid, sphere, cone, cylinder, Circle, triangle, square, oblong, rectangle Pentagon, hexagon, octagon</p>

	<p>Flat, curved, straight, round, solid, curved          Corner          Face, side          Make, build, draw</p>	<p>Shape          Flat, curved, straight, round, solid, curved          Corner          Face, side          Make, build, draw          Symmetry          Pattern          Repeating pattern          Edge, face, vertex, vertices</p>	<p>Shape          Flat, curved, straight, round, solid, curved          Corner          Face, side          Make, build, draw          Symmetry, line of symmetry          Pattern          Repeating pattern          Edge, face, vertex, vertices</p>
<p><b>Position and Direction</b></p>	<p>Movement          Slide          Roll          Turn          Stretch          Bend          Whole turn          Half turn          Over          Under          Above          Below          Top, bottom, side          In, on          Around, in front, behind          Opposite          Next to          Close to          Near          Far          Through          To, from, towards, away from          Middle</p>	<p>Movement          Slide          Roll          Turn          Stretch          Bend          Whole turn          Half turn          Over          Under          Above          Below          Top, bottom, side          In, on          Around, in front, behind          Opposite          Next to          Close to          Near          Far          Through          To, from, towards, away from          Middle</p>	<p>Movement          Slide          Roll          Turn          Stretch          Bend          Whole turn          Half turn          Over          Under          Above          Below          Top, bottom, side          In, on          Around, in front, behind          Opposite          Next to          Close to          Near          Far          Through          To, from, towards, away from          Middle</p>



	<p>Edge Centre Corner Forwards, backwards, sideways</p>	<p>Edge Centre Corner Forwards, backwards, sideways Quarter turn Three quarter turn</p>	<p>Edge Centre Corner Forwards, backwards, sideways Quarter turn Three quarter turn Route Higher Lower Clockwise Anticlockwise Right angle Straight line</p>
<p><b>Data Handling</b></p>	<p>Count Sort Group Set List Vote</p>	<p>Count Sort Group Set List Table Tally Pictogram Represent</p>	<p>Count Sort Group Set List Table Tally Pictogram Represent Graph Block graph Label Title Most popular Least popular Most common Least common</p>