Park Primary

Suggested mathematical vocabulary

New maths vocabulary for Early Years							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
Number Zero, one, two, three to twenty, and beyond Count (on/up/to/from/down) More, less, Size	Number bonds, number line Add Double Halve Equals How many more to make..?, how many more is…than..?, Subtract, take away, minus	Count in Double, halve Share, share equally	Full, half full, empty Heavy, heavier, heaviest, light, lighter, lightest Days of the week: Monday, Tuesday, etc. Morning, afternoon, evening, night, midnight Bedtime, dinnertime, playtime Today, yesterday, tomorrow Before, after Next, last Quick, quicker, quickest, quickly , fast, faster, fastest, slow, slower, slowest, slowly First, second, third, etc. Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest How much?, how many? Pence, pounds, money, coin, cost, buy, spend, pay.	Over, under, underneath, above, below, top, bottom, side on, in, outside, inside	Group, sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Face, side, edge	Half/halve	Listen, join in Find, choose, collect, use, make, build Tell me, describe, pick out, talk about, explain, show me Number line, number square, number cards Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board

New maths vocabulary for year 1

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
None Before, after many, few, fewer, least, fewest, smallest, greater, lesser Equal to, the same as Odd, even Pair Units, ones, tens Ten more/less Digit Numeral Figure(s) Compare (In) order/a different order Value Between,	More, plus, make, sum, total, altogether Inverse , near double Half, , is the same as (including equals sign) Difference between how much more is..? How many fewer is…than..?, how much less is..?	Odd, even Count in twos, threes, fives Count in tens (forwards from/backwards from) How many times? Lots of, groups of Once, twice, three times, five times Multiple of, times, multiply, multiply by Repeated addition Array, row, column Group in pairs, threes, etc. Equal groups of Divide, divided by,	Holds Container Weigh, weighs, balances Scales Time Seasons: spring, summer, autumn, winter Day, week, month, year, weekend Birthday, holiday Now, soon, early, late Old, older, oldest, new, newer, newest 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 Estimate, close to, about the same as, just over, just under Too many, too few, not enough, enough Length, width, height, depth Low, wide, narrow, deep, shallow, thick, thin Far, near, close	Position around, in front, behind Front, back 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	Hollow, solid Corner (point, pointed) Make, build, draw	Whole Equal parts, four equal parts One half, two halves A quarter, two quarters	Say, think, imagine, remember Start from, start with, start at Look at, point to Put, place, fit Arrange, rearrange Change, change over Split, separate Carry on, continue, repeat, what comes next? Read, write, record, trace, copy, complete, finish, end Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow Cost Count, work out, answer, check same number(s)/differ

| halfway between | | left, left over | Metre, ruler, metre stick

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 | Movement

Slide, roll, turn, whole turn, half turn

Stretch, bend | | | ent number(s)/missing number(s)

Number facts, number track,

Same way, different way, best way, another way

In order, in a different order

Not all, every, each |
|---|---|---|---|---|---|---|---|
| Above, below | | | | | | | |

New maths vocabulary for year 2

Number and place value	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	General/problem solving
Numbers to one hundred

Hundreds

Partition, recombine

Hundred more/less | Quarter past/to

m/km, g/kg, ml/l

Temperature (degrees) | 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 | Three quarters, one third, a third

Equivalence, equivalent | Count, tally, sort

Vote

Graph, block graph, pictogram,

Represent

Group, set, list, table

Label, title

Most popular, most common, least popular, least common | Predict

Describe the pattern, describe the rule

Find, find all, find different

Investigate |

New maths vocabulary for year 3

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics
Numbers to one thousand	Column addition and subtraction	Product Multiples of four, eight, fifty and one hundred Scale up	Leap year Twelve-hour/twenty-four- hour clock Roman numerals I to XIII	Greater/less than ninety degrees Orientation (same orientation, different orientation)	Horizontal, perpendicular and parallel lines	Numerator, denominator Unit fraction, non-unit fraction Compare and order Tenths	Chart, bar chart, frequency table, Carroll diagram, Venn diagram Axis, axes Diagram

New maths vocabulary for year 4

Number and place value	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions and decimals	Data/statistics
Tenths, hundredths Decimal (places) Round (to nearest) Thousand more/less than Negative integers Count through zero Roman numerals (I to C)	Multiplication facts (up to 12x12) Division facts Inverse Derive	Convert	Coordinates Translation Quadrant x-axis, y-axis Perimeter and area	Quadrilaterals Triangles Right angle, acute and obtuse angles	Equivalent decimals and fractions	Continuous data Line graph

New maths vocabulary for year 5

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages
Powers of 10	Efficient written method	Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method	Volume Imperial units, metric units	Reflex angle Dimensions	Regular and irregular polygons	Proper fractions, improper fractions, mixed numbers Percentage Half, quarter, fifth, two fifths, four fifths Ratio, proportion

New maths vocabulary for year 6							
Number and place value	Addition and subtraction	Multiplication and division	Geometry (position and direction)	Geometry (properties of shape)	Fractions, decimals and percentages	Algebra	Data/statistics
Numbers to ten million	Order of operations	Order of operations Common factors, common multiples	Four quadrants (for coordinates)	Vertically opposite (angles) Circumference, radius, diameter	Degree of accuracy Simplify	Linear number sequence Substitute Variables Symbol Known values	Mean Pie chart Construct