

South End Junior School

Maths Vocabulary

Maths vocabulary for year 3	
Number and place value	Ten more/less, digit, numeral, figure(s), compare, (in) order/a different order, size, value, between, halfway between, above, below, thousands, hundreds, tens, ones, partition, recombine, more/less, round to...
Addition and subtraction	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, commutative, exchange How many more to make ...? How many more is ... than ...? How much more is ...? How many fewer is ... than ...? How much less is ...?
Multiplication and division	Once, twice, three, five times, multiple of times, tens, fifty and one hundred, 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, remainder
Measure	Time, days of the week, seasons, day, week, month, year, weekend, birthday, holiday, morning, afternoon, evening, night, midnight, bedtime, dinnertime, playtime, today, yesterday, tomorrow 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 Takes longer, takes less time, hour, o'clock, half past, quarter past/to, 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

	<p>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</p> <p>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</p>
Geometry (position and direction)	<p>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</p>
Geometry (properties of shape)	<p>Corner (point, pointed), face, side, edge, make, build, draw, size, bigger, larger, smaller, symmetrical, line of symmetry, fold, match, mirror line, reflection, pattern, repeating pattern</p>
Fractions	<p>Whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters, three quarters, one third, a third, equivalence, equivalent, numerator, denominator</p>
Problem solving	<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>
Data / statistics	<p>Count, tally, sort, vote, graph, block graph, pictogram, represent, group, set, list, table, label, title, most popular, most common, least popular, least common</p>

Maths vocabulary for year 4

Number and place value	Tenths, hundredths, decimal (places), thousand more/less than, negative integers, count through zero, Roman numerals I to XIII
Addition and subtraction	Column addition and subtraction
Multiplication and division	Product, scale up, multiplication facts (up to 12x12), division facts, inverse, derive, multiple, factor pairs
Measure	Leap year, twelve-hour/twenty-four-hour clock, metres, kilometres, grams, kilograms, millimetres, litres, temperature, degrees, convert
Geometry (position and direction)	Greater/less than ninety degrees, orientation (same orientation, different orientation), rotation, clockwise, anticlockwise, straight line, ninety degree turn, right angle, co-ordinate, translate, quadrant, X-axis, Y-axis, perimeter, area
Geometry (properties of shape)	Horizontal, perpendicular and parallel lines, quadrilaterals, triangles, right, acute and obtuse angles
Fractions	Numerator, denominator, unit fraction, non-unit fraction, compare and order, tenths, hundredths, equivalent decimals and fractions, whole, percentage
Data/statistics	Chart, bar chart, frequency table, Carroll diagram, Venn diagram, axis, axe, continuous data, line graph
Problem Solving	Predict, describe the pattern, describe the rule, find, find all, find different, investigate, visualising, working systematically, justifying, conjecturing, thinking logically

Maths vocabulary for year 5

Number and place value	Powers of 10, roman numerals I to C
Addition and subtraction	Efficient written method
Multiplication and division	composite numbers, square number, formal written method, common factors
Measure	Volume, imperial units, metric units
Geometry (position and direction)	Reflex angle, dimensions
Geometry (properties of shape)	Regular and irregular polygons
Fractions and decimals	Proper fractions, improper fractions, mixed numbers, percentage, half, quarter, fifth, two fifths, four fifths, ratio, proportion

Maths vocabulary for year 6

Number and place value	Numbers to ten million
Addition and subtraction	Order of operations - BIDMAS,
Multiplication and division	Cubed numbers, prime number, prime factors, long
Geometry (position and direction)	Four quadrants (for co-ordinates)
Geometry (properties of shape)	Vertically opposite (angles), circumference, radius, diameter
Fractions, decimals and percentages	Degree of accuracy, simplify
Algebra	Linear number sequence, substitute, variables, symbol, known values, formulae, possibility
Data/statistics	Mean, pie chart, construct