

Canon Popham C of E Primary Academy Teaching for Maths Mastery Approach

Mathematical Vocabulary Taught– EYFS to Year 6

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number	Zero, number, one, two, three ... to twenty and beyond, eleven, twelve, teens numbers, twenty, thirty etc, none, how many? Count, count up, count on, from to, count back, from, to, count in ones, two's, fives, tens, is the same as, more, less, odd, even, few, pattern, pair	Numerals, twenty-one, twenty-two... one hundred, forwards, backwards, equal to, equivalent to, most, least, many, multiple of	Two hundred etc. one thousand, count in threes, fours, and so on, tally sequence, continue, predict, rule, > greater than, < less than	Eights, fifties and so on to hundreds, factor of, relationship, Roman numerals	Ten thousand, hundred thousand, million, count in sixes, sevens, nines, twenty fives, next, consecutive, integer, positive, negative, above/below zero, minus negative numbers	Factor pair, \geq greater than or equal to, \leq less than or equal to, formula, divisibility, square number, prime number, ascending/descending order	Factorise, prime factor, digit total
Place Value	Ones, tens, digit, the same number as, as many as, more, larger, bigger, greater, fewer, smaller, less, fewest, smallest, least, most, biggest, largest, greatest, one more, ten more, one less, ten less, compare, order, size, first, second, third, ... twentieth, last, last but one, before, after, next between	Equal to, half way between	Hundreds, one, two three digit number, place, place value, stands for, represents, exchange, twenty first, twenty second ...	One hundred more, one hundred less,	One thousand more, one thousand less		

Estimating	Guess, how many? Estimate, nearly, close to, about the same as, just over, just under, too many, too few, enough, not enough	roughly	Exact, exactly	Approximate, approximately, round, nearest, round to nearest ten/hundred, round up, round down	Round to nearest thousand	Round to nearest ten thousand	
Addition and subtraction	Equation, part part whole, add, more, and, make, sum, total, altogether, double, one more. Two more, ten more, how many more to make...? How many more is ... than ...? How much more is...? Take away, how many are left, left over? How many have gone? One less, two less, ten less... how many fewer is Than...? difference between	Addition, near double, half, halve, subtract, equals, is the same as, number bonds/pairs, missing number	One hundred more, one hundred less, number facts, tens boundary	Hundreds boundary	inverse	Ones boundary, tenths boundary	
Multiplication and division	Sharing, doubling, halving, number patterns	Multiplication, multiply, multiplied by, multiple, division, dividing, grouping, array	Groups of, times, once, twice, three times ... ten times repeated addition, divide, divided by, divided into, share, share equally left, left over, one each, two each, three each ... ten each, group in pairs, threes Tens, equal groups of, row, column, multiplication table, multiplication fact, division fact	Factor, product, remainder	Inverse, square, squared, cube, cubed		

Fractions	parts of a whole, half, quarter	Fraction, equal part, equal grouping, equal sharing, one of two equal parts, one of four equal parts	Equivalent fraction, mixed number, numerator, denominator, two halves, two quarters, three quarters, one third, two thirds, one of three equal parts.	Sixths, sevenths, eighths, tenths...	Hundredths, decimal, decimal fraction, decimal point, decimal place, decimal equivalent, proportion	Proper/improper fraction, equivalent, reduced to, cancel, simplify, simplest term, thousandths, in every, for every, percentage, per cent, %	ratio
Measurement	Measure, size, compare, guess, estimate, enough, not enough, too much, too little, too many, too few, nearly, close to, about the same as, just over, just under	Measurement, roughly	Measuring scale	Division, approximately	Unit, standard unit, metric unit	Imperial unit	Formulae, equation, unknown, variable
Length	Metre, length, height, width, depth, long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher, longest, shortest, tallest, highest, far, near, close	Centimetre, ruler, metre stick	Further, furthest, tape measure	Millimetre, kilometre, mile, distance apart... between...to...from, perimeter	Breadth, edge, area, covers, square centimetre (CM ²)	Square metre (m ²), square millimetre (mm ²)	Yard, foot, feet, inch, inches, circumference

Weight	Weigh, weighs, balance, heavy, light, heavier than, lighter than, heaviest, tallest, scales	Kilogram, half kilogram,	Gram,		Mass, big, bigger, small, smaller, weight heavy/light, heavier/lighter, heaviest/lightest		Tonne, pound, ounce
Capacity and volume	Full, empty, half full, holds, container	Litre, half litre, capacity, volume, more than, less than, quarter full	Millilitre, contains		Measuring cylinder	Pint, gallon	Centilitre, cubic centimetre, cubic metre, cubic millimetre, cubic kilometre
Temperature			Temperature, degree	centigrade			

Time	Time, days of the week Monday, Tuesday etc, day, week, birthday, holiday, morning, afternoon, evening, night, bedtime, dinnertime, playtime, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late, quick, quicker, quickest, quickly, slow, slower, slowest, slowly, old, older, oldest, new, newer, newest, takes longer, takes less time, hour, o'clock, clock, watch hands	Months of the year, January February etc, seasons, spring, summer autumn winter, weekend, month, year, earlier later, first, midnight date, how long ago? How long will it be till? How long will it take to? How often? Always, never, often, sometimes, usually, once, twice, half past, quarter past, quarter to, clock face, hour hand, minute hand, hours, minutes	Fortnight, 5,10,15 minutes past, digital, analogue, stopwatch, timer, seconds	Century, calendar, earliest, latest, a.m, p.m. Roman numerals, 12 hour clock time, 24 hour clock time	Leap year, millennium, noon, date of birth, timetable, arrive depart		Greenwich mean time, British summer time, International Date line
Money	Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay	Change, dear, costs more, cheap, costs less, cheaper, costs the same as, how much? How many? total	Bought, sold			Discount, currency	Profit, loss

Geometry – properties of shape	Shape, pattern, flat, curves, straight, round, hollow, solid, sort, make, build, draw, size, bigger, larger, smaller, symmetrical, pattern, repeating pattern, match	Symmetry, symmetrical pattern	Surface, line symmetry	perimeter	Line, construct, sketch, centre. Angle. Right angled, base, square based, reflect, reflection, regular, irregular	Radius, diameter, congruent, axis of symmetry, reflective symmetry	Circumference, concentric, arc, net, open, closed, intersecting, intersection, plane
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2D shape	Corner, side, rectangle (including square), circle, triangle	Point, pointed, oblong	Rectangular, circular, triangular, pentagon, hexagon, octagon	Pentagonal, hexagonal, octagonal, quadrilateral, right angled, parallel, perpendicular	2-D, two-dimensional, rectilinear, equilateral triangle, isosceles triangle, scalene triangle, heptagon, parallelogram, rhombus, trapezium, polygon	x-axis, y-axis, quadrant	kite
3D shape	Face, edge, vertex, vertices, cube, pyramid, sphere, cone	Cuboid, cylinder		Hemisphere, prism, triangular prism	3=D, 3-dimensional, spherical, cylindrical, tetrahedron, polyhedron	octahedron	Dodecahedron, net, open, closed

Position and direction	Position, over, under, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart, between, middle, edge, corner, direction, left, right, up, down, forwards, backwards, sideways, across, next to, close, near, far, along, through, to from, towards, away from, movement, slide, roll, turn stretch, bend, whole, turn, half turn	Underneath, centre, journey, quarter turn, three quarter turn	Route, higher, lower, clockwise, anti clockwise, right angle, straight line	Compass point, North, N, South, S, East, E, West ,W horizontal, vertical, diagonal, angle ,,, is a greater/smaller angle than	North-east, north-west, south-east, south-west, NE, NW, SE, SW, translate, translation, rotate, rotation, degree, reflection, ruler, angle measurer, compass	Coordinate, protractor	Reflex angle
Statistics	Count, sort, group, set, list	Vote, table	Tally, graph, block graph, pictogram, represent, label, title, most popular, most common, least popular, least common	Chart, bar chart, frequency table, Carroll diagram, Venn diagram, axis, axes, diagram	Survey, questionnaire, data	Database, bar line chart, line graph, maximum/minimum value, outcome	Pie chart, mean, mode, median, range, statistics, distribution
General	Pattern, puzzle, what could we try next? How did you work it out? Recognise, describe, draw, compare, sort, equation, part part whole, If I know....then I know	Problem solving, problem, mental, mentally, explain your thinking	Show how you... explain your method, describe the pattern, describe the rule, investigate, mental calculation, written calculation	Greatest value, least value, statement	Justice, make a statement	Explain your reasoning.	

