St Joseph's Catholic Primary School, Worcester

'Following Jesus in all we do'

MATHEMATICS Vocabulary Progression

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Progression in Maths vocabulary for the new National Curriculum

Maths vocabulary for EYFS

Number and place value	Addition and subtraction	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
Number	Number bonds, number line	Full, half full, empty	Position	Group, sort	Whole	Listen, join in
Zero, one, two, three to twenty, and beyond	Add, more, plus, make, sum, total, altogether	Holds	Over, under, underneath, above, below, top, bottom, side	Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square	One half, two halves	Start from, start with, start at
None	Inverse	Container	on, in, outside, inside	Shape		Look at
Count (on/up/to/from/down)	Double	Weigh, weighs, balances	around, in front, behind	Flat, curved, straight, round		Put
Before, after	Half	Heavy, heavier, heaviest, light, lighter, lightest	Front, back	Solid		Arrange
More, less, least, greater	Subtract, take away, minus	Time	Before, after	Corner (point, pointed)		Find, choose, collect, use, make, build
Ones, tens		Days of the week: Monday, Tuesday, etc.	Beside, next to,	Side, edge		Count, work out
Numeral		Seasons	Between, middle,			number line, number cards
		Day, weekend	Corner			Counters, cubes, dice, dominoes
		Morning, afternoon				
		Bedtime, dinnertime, playtime				
		Today, yesterday, tomorrow				
		Next, last				
		Hour, o'clock, half past				
		How long will it take to…?				
		Once, twice				
		First, second, third, etc.				
		Estimate, close to, about the same as, just over, just under				
		Too many, too few, not enough, enough				
		Length, width, height				
		Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest				
		Money, coin, penny, pence, pound, price, cost, pay				
		How much? How many?				
		Total				

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
Zero, one, two, three to twenty, and beyond many, few, fewer, fewest, smallest, lesser Equal to, the same as Odd, even Pair Ten more/less Digit Figure(s) Compare (In) order/a different order Size Value Between, halfway between Above, below	Near double Halve Equals, is the same as (including equals sign) Difference between How many more to make..? How many more is...than..? 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, Repeated addition Double, halve Share, share equally Group in pairs, threes, etc. Equal groups of Divide, left, left over	Scales Spring, summer, autumn, winter Week, month, year Birthday, holiday Evening, night, midnight Before, after 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 Clock, watch, hands How long ago? How long will it be to…? How often? Always, never, often, sometimes, usually Low, wide, narrow, deep, thick, thin Far, near, close Metre, ruler, metre stick Buy, sell, spend, spent, change, dear(er), costs more, costs less, cheaper, costs the same as	Opposite Apart Edge, centre 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	Hollow Corner (point, pointed) Face Make, build, draw	Equal parts, four equal parts A quarter, two quarters	Say, think, imagine, remember Point to Place, fit Rearrange Change, change over Split, separate Carry on, continue, repeat & what comes next? 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 Cost Answer, check same number(s)/different number(s)/missing number(s) Number facts, number track, number square, Abacus, blocks, rods, die, pegs, peg board Same way, different way, best way, another way In order, in a different order Not all, every, each

Maths vocabulary for year 2

Number and place value	Addition, Subtraction, Multiplication and Division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	General/problem solving
Numbers to one hundred Hundreds Partition, recombine	Array, row, column Multiply by Divided by	Quarter past/to m/km, g/kg, ml/l Temperature (degrees C)	Rotation Clockwise, anticlockwise Straight line Ninety degree turn, right	Size Bigger, larger, smaller Symmetrical, line of symmetry	Three quarters, one third, a third Equivalence, equivalent	Count, tally, sort Vote Graph, block graph, pictogram,	Predict, prove Describe the pattern, describe the rule Find, find all, find different

Hundred more/less	Inverse		angle	Fold Match Mirror line, reflection Pattern, repeating pattern		Represent Group, set, list, table Label, title Most popular, most common, least popular, least common	Investigate

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	Leap year Twelve-hour/twenty-four-hour clock Roman numerals I to XIII	Greater/less than ninety degrees Orientation (same orientation, different orientation) Perimeter and area	Horizontal, perpendicular and parallel lines Quadrilaterals Triangles	Numerator, denominator Unit fraction, non-unit fraction Compare and order Fifth, two fifths, four fifths, tenths Equivalent	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 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