



Maths at West Cornforth Primary School

**Progression of Vocabulary**

“The only way to learn mathematics is to do mathematics.” Paul Malmos

EYFS							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
Zero Number	Add, more, and, make, sum, total, altogether	Sharing	Size	Position	Shape, pattern	Whole	Listen, join in
One, two, three...to twentieth and beyond teen numbers, eleven, twelve...twenty		Doubling	Compare	Over, under	Flat	Equal parts, four equal parts	Say, think, imagine, remember
None	Double	Halving	Guess	Above, below	Curved, straight, round	One half, two halves	Start from, start with, start at
How many...?	One more, two more...ten more	Number patterns	Estimate	Top, bottom, side	Hollow, solid	A quarter, two quarters	Look at, point to
Count, count (up) to, count on (from, to), count back (from, to)	How many more to make...?		Enough, not enough	On, in	Outside, inside		Sort
	How much more is ...?		Too much, too little	Around	Make, build, draw		Arrange, rearrange
Count in ones,	Take away		Too many, too few	In front, behind	Size bigger, larger, smaller		Change, change over
	How many are		Nearly, close to, about the same as	Front, back	Symmetrical		Split, separate
			Just over, just under	Beside, next to	Pattern, repeating pattern		Carry on, continue, repeat & what comes next?
			Metre	Opposite	Match		Find, choose, collect, use, make, build
			Length, height, width, dept, long, short, tall	Apart			Tell me, describe, pick out, talk about,
			High, low	Between	<b>2D shape</b>		

twos, fives, tens	left/left over?		Wide, narrow	Middle, edge	Corner, side		explain, show me
Is the same as	How many have gone?		Thick, thin	Corner	Rectangle, square		Read, write, record, trace, copy, complete, finish, end
More, less	How many fewer is ... than ...?		Longer, shorter, taller, higher	Direction	Circle		Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
Odd, even	How much less is ...?		Far, near, close	Left, right	Triangle		Cost
Few	Difference between		Weigh, weighs, balances	Up, down	3D shape:		Count, work out, answer, check same number(s)/different number(s)/missing number(s)
Pattern			Heavy, light	Forwards, backwards, sideways	Face, edge, vertex, vertices		Number facts, number line, number track, number square, number cards
Pair			Heavier than, lighter than	Across	Cube		Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board
Ones			Heaviest, lightest	Next to, close, near, far	Pyramid		Same way, different way, best way, another way
Tens			Scales	Along	Sphere		In order, in a different order
Digit			Full	Through	Cone		Not all, every, each
The same number as, as many as			Empty	To, from, towards, away from			
More, larger, bigger, greater, fewer, smaller, less, fewest, smallest, least, most, biggest, largest, greatest			Half full	Movement			
One more, ten more, one less,			Holds	Slide			
			Container	Roll			
			Time	Turn			
			Days of the week, week, day	Stretch, bend			
			Birthday, holiday	Whole turn, half turn			

ten less			Morning, afternoon, evening, night, bedtime, dinner time, playtime				
Compare			Today, yesterday, tomorrow				
Order			Before, after				
Size			Next, last				
First, second, third...twentieth			Now, soon, early, late				
h			Quick, quickest, quicker, quickly				
Last			Slow, slower, slowest, slowly				
Before, after			Old, oldest, older				
Next			New, newer, newest				
Between			Takes longer, takes less time				
			Hour, o'clock				
			Clock, watch, hands				
			Money				
			Coin				
			Penny, pence, pound				
			Price, cost				
			Buy, sell				
			Spend, spent, pay				

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
Number, numeral Zero, one, two, three to twenty, and beyond None Count (on/up/to/from/down) Before, after More, less, many, few, fewer, least, fewest, smallest, greater, lesser Equal to, the same as	Number bonds, number line Add, more, and make, plus, make, sum, total, altogether Inverse Double, near double Half, halve Equals, is the same as (including equals sign) Difference between How many more to	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	Full, half full, empty Holds Container Weigh, weighs, balances Heavy, heavier, heaviest, light, lighter, lightest Scales Time Days of the week: Monday, Tuesday, etc. Seasons: spring, summer, autumn, winter Day, week, month, year, weekend Birthday, holiday Morning, afternoon, evening,	Position Over, under, underneath, above, below, top, bottom, side on, in, outside, inside around, in front, behind Front, back Before, after Beside, next to, Opposite Apart Between, middle, edge, centre Corner Direction	Group, sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Hollow, solid Corner (point, pointed) Face, side, edge Make, build, draw	Whole Equal parts, four equal parts One half, two halves A quarter, two quarters	Listen, join in 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? Find, choose, collect, use, make, build Tell me, describe, pick out, talk about,

Odd, even	make..? How many more is...than..?	Double, halve	night, midnight	Journey			explain, show me
Pair	How much more is..?	Share, share equally	Bedtime, dinnertime, playtime	Left, right, up, down, forwards, backwards, sideways			Read, write, record, trace, copy, complete, finish, end
Units, ones, tens		Group in pairs, threes, etc.	Today, yesterday, tomorrow	Across			Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow
Ten more/less	Subtract, take away, minus	Equal groups of	Before, after	Close, far, near			Cost
Digit	How many fewer is...than..?	Divide, divided by, left, left over	Next, last	Along, through			Count, work out, answer, check same number(s)/different number(s)/missing number(s)
Numeral	How much less is..?		Now, soon, early, late	To, from, towards, away from			Number facts, number line, number track, number square, number cards
Figure(s)			Quick, quicker, quickest, quickly, fast, faster, fastest, slow, slower, slowest, slowly	Movement			Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board
Compare			Old, older, oldest, new, newer, newest	Slide, roll, turn, whole turn, half turn			Same way, different way, best way, another way
(In) order/a different order			Takes longer, takes less time	Stretch, bend			In order, in a different order
Size			Hour, o'clock, half past				Not all, every, each
Value			Clock, watch, hands				
Between, halfway between			How long ago? How long will it be to...? How long will it take to...? How often?				
Above, below			Always, never, often, sometimes, usually				
			Once, twice				
			First, second, third, etc.				
			Estimate, close to, about the same as, just over, just under				

			<p>Too many, too few, not enough, enough</p> <p>Length, width, height, depth</p> <p>Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest</p> <p>Low, wide, narrow, deep, shallow, thick, thin</p> <p>Far, near, close</p> <p>Metre, ruler, metre stick</p> <p>Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as</p> <p>How much? How many?</p> <p>Total</p>				
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YEAR 2							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	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	Numbers to one hundred Hundreds Partition, recombine Hundred more/less

YEAR 3							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
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

YEAR 4							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
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	Tenths, hundredths Decimal (places)  Round (to nearest)  Thousand more/less than  Negative integers  Count through zero  Roman numerals (I to C)



YEAR 5							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
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	Powers of 10

YEAR 6							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
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