

# Foston CE, Terrington CE VA & Stillington Primary Schools Vocabulary Map

## 'Love, Learn & Grow Together'



### Subject: Maths

#### Subject Intent:

An understanding of the important concepts and an ability to make connections within mathematics.

A broad range of skills in using and applying mathematics.

Fluent knowledge and recall of number facts and the number system.

Fluency in performing written and mental calculations.

The ability to show initiative in solving problems in a wide range of contexts, reason, generalise and make sense of solutions.

The ability to think independently, persevere when faced with new challenges and to work with others to succeed.

To embrace the value of learning from mistakes.

A wide range of mathematics vocabulary

Topic area	EYFS		Y1		Y2		Y3		Y4		Y5		Y6	
Number and Place Value	Number, zero, one, two, three... to twenty, zero, ten, twenty, none, how many? Count, more, less, many, few, pattern, pair, greater, more, larger, bigger, less, fewer,	smaller, greatest, most, biggest, largest, least, fewest, smallest, compare, order, size, first, last, before, after, next, between, half-way between, above / below.	more/less, digit, numeral, compare, order, size, value,	between, halfway between, above, below, tens, ones	Numbers to one hundred, hundreds, partition, recombine, more/less Predict, find,	estimation place holder digit numeral all, different, investigate	Numbers to one thousand numeral	Integer Decimal	Tenths, hundredths, decimal places, round (to nearest), thousand more/less than, negative integers,	count through zero, Roman numerals I to C factor distributive associative	Powers of 10 Millions Roman numeral to 1000 (M)	Linear sequence Prime	Numbers to ten million Numbers to 3	Interval Decimal Place
Addition & Subtraction	Add, more, make, total, altogether, one more, Subtract, take (away),	leave, how many are left? How many have gone? One less.	Number bonds, number line, add, more, plus, make, sum, total,	altogether, inverse, double, near double, the same as (including	Commutative Addend	Minuend Subtrahend	Column addition and subtraction	Inverse	distributive	associative	Efficient written method	Complement Composite	Order of operations	Multi-step

			equals, is between, subtract, take away, minus, split,	equals sign), difference										
Multiplication & Division	umber patterns, doubling, count, answer sign, equal, sharing, share equally, one each, two each, group, shape,	whole, pattern, puzzle, count out, share out, left, same, number/s, different number/s	Once, twice, three, five times, multiple of times, equal groups of, divide, divided by, left over	Multiply, multiply by, repeated addition, array, row, column, double, halve, share, equally, group in pairs,	Multiplication Division Multiple	Times tables Array	Product, multiples of four, eight, fifty and one hundred,	Multiple scale up	Multiplication facts (up to 12x12), division facts,	Remainder Derive inverse	Factor pairs, composite numbers, prime number, prime factors,	Equivalence square number, cubed number, formal written method	Common factors	common multiples long division
Measure	Measure, size, compare, guess, estimate, enough, too much, too little, too many, too few, long, short, tall, high, low, thick, thin,	full, half full, empty, holds, containers, money, coin, total, buy, morning, afternoon, evening, night, midnight, today, yesterday, tomorrow longer, shorter, taller, higher,	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	Analogue Clockwise Anti-clockwise Quarter past/to, metres, Centimetre height width	Grams kilograms, millimeters, litres, temperature degrees cost price amount change	Leap year, twelve-hour/twenty-four-hour clock, Roman numerals I to XIII Am/pm	Millimetre Perimeter Noon Midnight Analogue clock Digital clock Duration	Convert Conversion Dimensions rectilinear	Area Kilometer 24-hour clock	Volume, imperial units, metric units imperial inch foot yard	pound pint cm2 cm3 m2 m3 mile	MM3 KM3 Speed MPH M/S	Km/h Scale factor Proportion Ratio Relative size
Geometry	size, bigger, larger, flat, similar, smaller, repeating	Shape, pattern, flat, curved straight, round, hollow, solid, corner,	Before, after, beside, next to, opposite, apart, between, middle, vertices,	backwards, sideways, across, close, far, near, along, through, to, from,	Rotation, clockwise, anticlockwise, straight line, ninety degree turn, right angle	Size, bigger, larger, smaller, symmetrical, line of symmetry,	Greater/less than ninety degrees, orientation (same orientation,	Right angle Vertical Right angle Degrees Quadrilateral lines	Co-ordinate, translate, quadrant, X-axis, Y-axis, perimeter, area Classify	Quadrilaterals, triangles, right, acute and obtuse angles Plot Grid	Reflex angle, Dimensions Reflex	Regular and irregular polygons	Vertically opposite (angles), circumference, radius, diameter Net	Circumference Radius Diameter Four quadrants

	pattern, match, differences	point, pointed, sort, make, build, draw, 2d shapes, same	centre, corner, direction, journey, left, right, up, down, forwards, face, side, edge, make, build, draw	towards, away from, movement, slide, roll, turn, whole turn, half turn, stretch, bend Corner (point, pointed),	reflection, pattern,	fold, match, mirror line,	different orientation) Horizontal, perpendicular r parallel		Vertical Horizontal polygon	Degrees Isosceles Equilateral rhombus				(for co-ordinates) Dissect
Fractions	halve, equal, sharing, share equally,	one each, two each, group, cut, same as	Whole, equal parts, four equal parts, one half,	two halves, a quarter, two quarters bar	quarters, thirds, equivalence	Sharing Grouping equivalent	Numerator, denominator , unit fraction, non-unit fraction, compare,	order, tenths fifths sixths sevenths eighths ninths tenths	Equivalent decimals fractions Hundredth	Proportion Decimal places	Proper fractions, improper fractions, mixed numbers, percentage,	fifths, ratio, proportion thousandth half, quarter,	Degree of accuracy	Simplify
Data & Statistics			Count, tally, sort, vote, graph, block graph, pictogram,	list, table, label, title, popular, common set represent, group,	Count, tally, sort, vote, graph, block diagram, pictogram, represent, group,	pattern, rule, set, list, table, label, title,	Chart, bar chart, frequency table,	Scale Venn diagram, axis, axe	Continuous data, line graph	Label	Interpret Data	Category Scale	Mean, pie chart construct	Data set Average
Algebra	N/A											Linear number sequence, substitute, variables, symbol,	formula(e) unknown constant generalise known values	