Gorse Hill Primary School Vocabulary Progression Map

New maths vocabulary for year R							
Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
number zero number one, two, three … to twenty and beyond

teens numbers, eleven, twelve … twenty none how many …?

count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens

 is the same as more, less odd, even few

pattern ,pair

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 | 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 …? how much less is …?

difference between | Sharing doubling halving number patterns | 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

Length
metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher … and so on longest, shortest, tallest, highest … and so on far, near, close

Weight
weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales

Capacity and volume
full empty half full holds container

Time
time days of the week, Monday, Tuesday … day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, 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 | 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 | shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match

2-D shape
corner, side rectangle (including square) circle triangle

3-D shape
face, edge, vertex, vertices cube pyramid sphere cone | parts of a whole half quarter | pattern puzzle what could we try next? how did you work it out? recognise describe draw compare sort |

			Money money coin penny, pence, pound price, cost buy, sell spend, spent pay				

New 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**
Number Zero, one, two, three to twenty, and beyond None Count (on/up/to/ from/down) before, after more, less, many, few, fewest, least, smallest, greater, lesser equal to the same as odd, even pair units, ones, tens ten more/less digit numeral figure(s) compare in order size value between, halfway between above, below	Number binds, number line Add, more, plus, make, sum, total, altogether Inverse Double, near double Half, halve Equals, is the same as (equals sign) Difference between How many more to make? How many more is...than..? How much is..? Subtract, take away, minus How many fewer is... than..? How much less is..?	Odd, even Count in 2's, 3'3, 5's Count in 10's (forwards from, backwards from) How many times? Lots of, groups of Once, twice, three times, five times Multiple of, 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, left over	Full, half full empty Holds Container Weigh, weighs, balances Heavy, heavier, heaviest, light, lighter, lightest Scales **Time** Days of the week Seasons (spring, summer, autumn, winter) Day, week, month, year, weekend, Birthday, holiday Morning, afternoon, evening, night, midnight Bedtime, dinner time, 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 Clock, watch, hands How long ago? How long will it be to...? how long	Position Over, under Underneath, above, below, top, bottom, side On, in, outside, inside Around, infront of, behind Front, back 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	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 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, pickout, 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, ring, arrow Cost, count, work out, answer, check, same, number(s), different number(s), missing number(s)

			will it take to…?how often?	Stretch, bend			Number facts, number line, number track, number square, number cards
			Always, never, often, sometimes, usually				Abacus, counters, cubes, bocks, rods, die, dice, dominoes, pegs, peg board
			Once, twice First, second, third etc Estimate, close to, about the same as, just over, just under				Same way, different way, best way
			Too many, too few, not enough, enough				In order, in a different order
			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, metre stick, ruler				Not at all, each
			Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as How much, how many Total				

New maths vocabulary for year 2						
Number and place value	**Measure**	**Geometry (position and direction)**	**Geometry (properties of shape)**	**Fractions**	**Data/Statisitics**	**General/problem solving**
Numbers to one hundred	Quarter past/to	Rotation	Size	Three quarters, one third, a third	Count, tally, sort	Predict
Hundreds	Metres, kilometres	Clockwise, anti-clockwise	Bigger, larger, smaller	Equivalence, equivalent	Vote	Describe the pattern, describe the rule
Partition, recombine	Grams, kilograms	Straight line	Symmetrical, line of symmetry		Graph, block graph, pictogram	Find, find all, find different
Hundred more/less	Millilitres, litres	Ninety degree turn, right angle	Fold		Represent	Investigate
	Temperature (degrees)				Group, set, list, table	

			Match		Label, title	
			Mirror line		Most popular, most common, least common, most common	
			Pattern, repeating pattern			

New 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 column 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, vertical, perpendicular lines, 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

New maths vocabulary for year 4

Number and place value	Addition and subtraction	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 12 x 12)	Convert	Coordinates Translation Quadrant x-axis y-axis Perimeter and area	Quadrilaterals (trapezium, rhombus, kite, diamond) Triangles (isosceles, right-angle, scalene, equilateral) Right angle, obtuse angle, acute angle	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	General/problem solving

| Powers of 10 | Efficient written method | Factor pairs

Composite numbers, prime numbers, prime number factors, square numbers, cubed numbers

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 | |
|---|---|---|---|---|---|---|---|

New maths vocabulary for year 6							
Number and place value	**Addition and subtraction**	**Multiplication and division**	**Algebra**	**Geometry (position and direction)**	**Geometry (properties of shape)**	**Fractions**	**Data/statistics**
Numbers to ten million	Order of operations	Order of operations

Common factors, common multiples | Linear number sequence

Substitute

Variable

Symbol

Known value | Four quadrants (for coordinates) | Vertically opposite (angles)

Circumference, radius, diameter | Degree of accuracy

Simplify | Mean

Pie chart

Construct |