Grimsargh St Michael's CE Primary School
Mathematics Vocabulary

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	counting ones tens zero how many? count on one more one less count backwards fewer more same most least fewest ordering greater than less than equal to greatest smallest number line numbers one – twenty in words estimate partition	(All previous words) numerals hundred place value forwards backwards digits Numbers one to one hundred in words flexible partitioning value more than fewer than	(All previous words) represent interval hundreds three-digit number columns numbers one to one thousand in words ascending descending	(All previous words) thousands ten thousand rounding numbers round up round down nearest 10 nearest 100 nearest 1000 decimal numbers four-digit number negative numbers Roman Numerals	(All previous words) ten thousand hundred thousand million five-digit number six-digit number Gattegno chart rounding to the nearest approximation	(All previous words) millions seven-digit numbers

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Addition and Subtraction	addition parts wholes part-whole model add (+) plus adding more subtract (-) taking away how many left? counting backwards more than less than counting forwards total altogether equal (=) equal to fact families addition sentence number bonds	(All previous words) related facts exchange difference between	(All previous words) column addition column subtraction columns increase decrease minus inverse estimate	(All previous words)	(All previous words) rounding accuracy approximate	(All previous words)
Multiplication and Division	arrays equal groups unequal groups count in 2s count in 10s count in 5s double grouping sharing	(All previous words) multiplication (x) repeated addition lots of times multiplied by division (÷) 2 times table 10 times table 5 times table halving	(All previous words) multiple 3 times table 4 times table 8 times table commutativity inverse operations related calculations expanded method exchange product	(All previous words) 6 times table 7 times table 9 times table 11 times table 12 times table factor pairs place holder formal written method	(All previous words) divisible common multiples factors common factors prime numbers square numbers cube numbers composite numbers short division	(All previous words) rules of divisibility long multiplication long division brackets order of operations

		odd number even number	remainders scaling			
Fractions, Decimals and Percentages	(one) half quarters sharing whole part group equal parts same size	(All previous words) thirds sharing grouping equivalent unequal numerator denominator unit fraction non-unit fraction	(All previous words) fifths sixths sevenths eighths ninths tenths order intervals equivalence	(All previous words) mixed numbers improper fractions decimals decimal places decimal point hundredths	(All previous words) thousandths percent percentages	(All previous words) simplify
Ratio and Proportion						ratio proportion for every relative size scale factor
Algebra						expression algebra symbol formula/formulae substitute variable sequence letter constant
Measurement	length height longer	(All previous words) metres metre stick	(All previous words) millimetre equivalence	(All previous words) kilometres rectilinear shapes	(All previous words) compound shape	(All previous words) tonnes ounces

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taller	shortest	converting	regular polygon	square centimetre (cm^2)	foot
shorter	longest	estimate	irregular	(m^2)	stone
centimetres	tallest	perimeter	area	(mm^2)	gallon
ruler	mass	mass	decimal notation	(km^2)	cubic centimetres (cm3)
heavier	grams	roman numerals	ascending	metric	parallelogram
lighter	kilograms	past the hour	descending	imperial	
balance scale	weighing scale	to the hour	24-hour digital clock	inches	
full	millilitres	minutes past		pints	
empty	volume	minutes to		pounds	
volume	capacity	analogue clock		miles	
nearly empty	litres	digital clock		timetables	
nearly full	degrees Celsius	am		one cubic centimetre (written 1 cm3)	
capacity	hot	pm			
coin	warm	years			
value	cold	days in a month			
pound	thermometer	leap year			
pence	worth	stop watch			
notes	total cost				
money	change				
before	hour hand				
after	minute hand				
first	quarter to				
next	quarter past				
finally	minutes				
morning	past				
afternoon	to				
evening	midnight				
today	noon				
yesterday	24 hours				
tomorrow	day				
Monday					
Tuesday					

	Wednesday Thursday Friday Saturday Sunday week months year (months of the year*) hour minute second quicker slower hands o'clock clock half past					
Geometry: Properties of Shape	3D shape cube cuboid cylinder sphere pyramid cone face curved surface 2D shape rectangle circle square triangle	(All previous words) octagon hexagon pentagon sides properties of 2D shapes vertex vertices polygon symmetrical line of symmetry edges prism	(All previous words) right angles angle acute obtuse parallel perpendicular polygons nets	(All previous words) equilateral triangle isosceles triangle scalene triangle quadrilateral trapezium rhombus parallelogram regular irregular gon pent reflection	(All previous words) degrees 360° in a full turn 180° in half a turn 90° in a quarter turn 270° in a three- quarter turn 45° - half a right angle reflex angle protractor scale zero line straight line	(All previous words) interior angles radius diameter circumference

	pattern					
Geometry: Position and Direction	Position Direction movement whole turn half turn quarter turn three-quarter turn left right top middle bottom forwards backwards above below up down between near first second third fourth last	(All previous words) clockwise anti-clockwise patterns repeating	(All previous words)	(All previous words) horizontal vertical x axis y axis coordinates quadrant plot translation translate	(All previous words) reflection	(All previous words) quadrants negative numbers parallel
Statistics		tally chart block diagram pictogram	(All previous words) symbol bar chart	(All previous words) line graph compare	(All previous words) timetables axis	(All previous words) dual bar pie charts

		table data	labels data scale interpret			sections mean