



St Joseph's Catholic 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



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		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



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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 shorter centimetres ruler heavier lighter balance scale full empty volume nearly empty nearly full capacity coin value pound pence notes money before after first next finally morning afternoon evening today yesterday tomorrow Monday Tuesday	shortest longest tallest mass grams kilograms weighing scale millilitres volume capacity litres degrees Celsius hot warm cold thermometer worth total cost change hour hand minute hand quarter to quarter past minutes past to midnight noon 24 hours day	converting estimate perimeter mass roman numerals past the hour to the hour minutes past minutes to analogue clock digital clock am pm years days in a month leap year stop watch	regular polygon irregular area decimal notation ascending descending 24-hour digital clock	square centimetre (cm^2) (m^2) (mm^2) (km^2) metric imperial inches pints pounds miles timetables one cubic centimetre (written 1 cm^3)	foot stone gallon cubic centimetres (cm^3) parallelogram
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	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 threequarter turn 45° - half a right angle reflex angle protractor scale zero line straight line	(All previous words) interior angles radius diameter circumference



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	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



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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
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Grimsargh St Michael's CE Primary School

Mathematics Vocabulary

		table data	labels data scale interpret			sections mean
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