

Maid's Moreton Maths Vocabulary and Terminology Progression

EYFS – Key Stage 2

This document sets out EYFS-KS2 progression in mathematical vocabulary and their placement in this table relates to when we would expect children to understand and apply the words independently. Occasionally, pupils are exposed to language earlier than anticipated depending on their ability and there may be some crossover due to mixed-age planning and teaching. It is expected that the standard key vocabulary is built upon each year while new words are taught through explicit teaching, working walls and the use of knowledge organisers/vocabulary mats.

Early Years Foundation Stage

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
number zero 1-20 count on/back lots more few fewer compare sort order before after less many most the same as ones pair	add more make total altogether take away number line one more one less equals double half How many altogether? How many are left?	double halve share group	days of the week seasons day week weekend birthday holiday morning afternoon evening night today yesterday tomorrow before after next last now soon early late quick slow old new hour o'clock clock watch hands	coin pound pence cost money penny buy sell pay price How many? Spent 1p 2p 5p 10p	long longer longest short shorter shortest heavy light empty full tall small large thick thin deep ruler far near hands holds container weigh weight balances	position distance after before in on inside under on top of behind next to above below top bottom side outside around underneath front back before middle up down forwards backwards across close far	shape pattern repeating pattern 2-D shapes square circle rectangle triangle 3-D shapes cube sphere cone cylinder face side corner flat solid curved straight round	double half whole	pattern puzzle describe draw compare sort What could we try next? How did you work it out?

Key Stage One (Year 1 new vocabulary Year 2 new vocabulary)

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Statistics	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
place value numeral digit 1-100 teen numbers fives equal to the same as odd even multiple of ones units tens greater than less than ordinal numbers – twentieth between halfway above below nearly roughly close to too many too few estimate twenties partition thousand threes fours thirties forties equivalent tally sequence continue predict rule	sum total near double half halve How many more...? Subtract How many fewer? What is the difference? equal to the same as number bonds missing number number facts fact families related facts tens boundary digit mental method written method partition hundreds tens method check inverse	multiplication division multiply times lots of groups of sets of multiplied by multiple division dividing divided by divided into grouping sharing equal groups doubling halving array repeated addition left leftover remainder row column multiplication tables times tables fact division fact	months of the year earlier later midnight date How often? always never often sometimes usually once twice half past quarter past quarter to hour hand minute hand hours minutes seconds fortnight How long will it take to...? 5 minutes past/to 10 minutes past/to etc digital analogue timer second hand	pounds pence change costs more/less cheaper total 20p 50p £1 bought sold spent £2 £5 £10 note decimal point zero as place holder	compare estimate roughly just over just under length centimetre metre cm m height width ruler metre stick weight kilogram half kilogram litre half litre more than less than millimetre mm depth tape measure capacity volume millilitre quarter full contains degree centigrade	count tally sort vote graph block graph pictogram represents stands for key group set list table label title most popular most common least popular least common	edge centre journey movement whole turn half turn quarter turn three-quarter turn clockwise anticlockwise three-quarter turn right angle straight line	pentagon hexagon octagon cuboid edge surface hollow symmetry symmetrical line of symmetry right-angled triangle prism square-based pyramid triangular-based pyramid circular rectangular vertex vertices	fraction equal part equal groups sharing parts of a whole half quarter equivalent fraction mixed number numerator denominator two halves two quarters three quarters one third two thirds	problem solving mental mentally Show how you... Explain your answer How else... Explain your method... Describe the pattern... Describe the rule... investigate mental calculation written calculation trial and error

greater than > less than< equal to = hundreds two-digit number three-digit number place holder place value stands for represents exchange exact exactly										
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Lower Key Stage 2 (Year 3 new vocabulary Year 4 new vocabulary)

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Statistics	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
numbers to 1000 eights fifties sixties seventies eighties nineties factor of relationship roman numerals 100 more 100 less approximate approximately round up round down nearest ten nearest 100 greatest value least value sixes sevens	hundreds boundary column addition column subtraction formal method exchange	factor product remainder scale up divisible by exchange remainder inverse square squared cubed derive	century calendar earliest latest AM PM roman numerals 12 hour clock 24 hour clock leap year millennium noon date of birth timetable arrive depart	value smallest number of coins transaction convert	approximately millimetre kilometre mile perimeter distance from...to distance apart centigrade unit standard unit metric unit mass breadth area covers cm ² measuring cylinder	chart bar chart frequency table Carroll diagram Venn diagram axis axes diagram scale label survey questionnaire data continuous data line graph	compass point north south east west N S E W horizontal vertical diagonal angle Angle greater than... Angle less than... orientation north-east north-west south-east south-west NE NW SE SW translate translation rotate	perimeter hexagonal octagonal pentagonal quadrilateral right-angled parallel perpendicular hemisphere prism triangular prism acute angle obtuse angle line construct sketch centre oblong rectilinear equilateral triangle isosceles scalene	sixths seventh eighths tenths compare and order hundredths decimal decimal fraction decimal place decimal equivalent proportion	Correct this statement... True or False? Estimate... Justify Make a statement...

nines ten thousand 100 thousand million next consecutive integer positive negative above/below zero minus 1000 more 1000 less round to the nearest 1000							rotation degree reflection rotation set square quadrant co-ordinates	heptagon parallelogram trapezium rhombus polygon cylindrical tetrahedron polyhedron		
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Upper Key Stage 2 (Year 5 new vocabulary Year 6 new vocabulary)

Number & Place Value	Addition & Subtraction	Multiplication & Division	Measurement (Time)	Measurement (Money)	Measurement (Length, Mass & Capacity)	Statistics	Position & Direction	Properties of Shape	Fractions	Problem Solving & Reasoning
factor pair ≥ greater than or equal to ≤ less than or equal to formula square number prime number ascending order descending order ten thousand factorise prime factor digit total formula equation unknown variable	ones boundary tenths boundary		Greenwich Mean Time British Summer Time Individual Date Line	discount currency profit loss	imperial unit square metre square millimetre m ² mm ² pint gallon yard foot feet inch inches circumference tonne pound ounce centilitre cubic metres cm ³ mm ³ m ³ km ³	database pie chart mean median range statistics distribution	coordinates protractor reflex angle	radius diameter congruent axis of symmetry reflective symmetry octahedron circumference concentric arc net open closed intersecting intersection plane dodecahedron net open closed	proper fractions improper fractions equivalent reduced to cancel thousandths in every for every percentage per cent 100% ratio	

