

## Manorbrook Maths vocabulary spine EYFS – Y6

This vocabulary progression document is based on a document created by Intergra.  
Only the new vocabulary for each year group is listed.



	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
EYFS	zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty first, second, third... twentieth 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 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 last, last but one before, after next between guess how many ...? about the same as just over, just under too many, too few enough, not enough teens	number sentence add, more, and make total altogether double one more how many more to make ...? how many more is ... than ...? how much more is ...?	number sentence take away how many are left/left over? how many have gone? one less how many fewer is ... than ...? how much less is ...? difference between	double doubling sets of pairs number patterns objects groups	half of halving share between sharing equal groups sets

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	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y1	twenty-one, twenty-two ... one hundred numeral thirty forty fifty sixty seventy eighty ninety (one) hundred	digit number/ numeral same tens and ones more than/less than less most/least count from ... count in .... forwards/backwards number pattern odd even equal sign = greater than/ smaller than fewer/ fewest largest smallest least equal to many number bonds/pairs missing numbers estimate ordinal cardinal nearly close to	Add + addition sum total altogether double one more two (ten) more plus equals near double is the same as number bonds/pairs missing number count up	how many more? leave how many left? two less ten less how many fewer minus subtract subtraction count up count back count back back	multiplication multiplied by multiply lots of groups of scaling twice times as ... array multiple count up	share into division dividing grouping count back unequal equal

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	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y2	two hundred ... one thousand count on in 3s, tally twenty-first, twenty-second ...	greater than, > less than, < equal (to), = column partition most/greatest number pattern equivalent to multiple of compare order	increase tens boundary commutative partition fact family regrouping partitioning bridging empty box inverse ten more number bonds for 20 number bonds within 20	difference between equals is the same as minus order exchanging partition ten less check inverse	times table multiplication row column fact family odd even commutative multiplication fact multiplication table repeated addition multiple of 2 multiple of 5 multiple of 10 multiply	array inverse divide, divided by, divided into left, left over repeated subtraction

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	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y3	ones tens hundreds thousand three digit number tenths	exact position estimate decimal approximate descending ascending integer round represent ascending descending	100 more increase column digit columnar column addition mental method formal method adjusting estimate written method near double combine rounding empty box	100 less decrease exchanging number sentence calculate column subtraction estimate mental method formal method adjust empty box	missing number scaling multiplied by ... times larger/smaller product times table facts partition grid empty box positive integer	missing number times table remainder partition fact family inverse operation empty box

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y4	1 I 2 II 3 III 4 IV 5 V 6 VI 7 VII 8 VIII 9 IX 10 X 50 L 100 C 500 D 1000 M 4 digit number thousand ten thousand	Roman Numerals round negative convert positive factor factor pair multiple	decimal addition	decimal subtraction	factor factor pair compact method short multiplication distributive law	quotient divisor dividend factors

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	hundred thousand hundredths					
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	Numbers	Place Value	Addition	Subtraction	Multiplication	Division
Y5	millions thousandths 5 and 6 digit number mixed number decimal fraction square number cube number prime number composite number decimals with 2 and 3 decimal places	prime common factor common multiple squared cubed integer decimal improper fraction mixed number percentage %	approximate	approximate	prime number composite number multiple common factor common multiple square number cube number squared, cubed long multiplication expanded method multiplier	compact short scale down test of divisibility

	Numbers	Place Value	Addition	Subtraction	Multiplication	Division	Algebra
Y6	millions	sequence pattern term first term etc. rule proportion ratio power digital root	formula term order of operations mean brackets average	formula term order of operations brackets	approximate formula term order of operations precedence brackets degree of accuracy	brackets balance order of operations degree of accuracy	formulae linear sequence express unknowns equations equivalent expression number pattern express generate symbols variables enumerate

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	Fractions	Decimals	Percentage	Ratio and Proportion
EYFS	share group			
Y1	half two quarters, quarter, three quarters equal parts equal groups quantity object one whole			
Y2	third equivalence			
Y3	fifth, sixth, seventh, eighth, ninth, tenth two thirds tenths divided by ten unit fraction numerator denominator equivalent fraction discrete set diagram add/subtract within one whole			
Y4	hundredth divided by 100 non- unit fraction common equivalent fractions	decimal equivalent decimal places rounding decimal point		

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	Fractions	Decimals	Percentage	Ratio and Proportion
Y5	improper fraction mixed number proper fractions thousandths convert	decimal fraction nearest whole number	per cent symbol % number of parts per hundred percentage percentage equivalent	
Y6	simplest form	degree of accuracy		relative size quantity scale factor comparison ratio proportion unequal sharing unequal grouping similar shapes

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	2-D shape	3-D shape	Position and Direction	Angle	Co-ordinates
EYFS	square circle rectangle triangle side	cube cuboid sphere pyramid	in front behind on top of under above below next to		
Y1	pentagon hexagon edge corner pattern sort	cylinder square based pyramid triangular based pyramid face sort	underneath orientation left right	turn whole turn half a turn quarter of a turn three quarters of a turn	
Y2	vertices heptagon nonagon octagon decagon semi-circle line of symmetry vertical line reflection symmetry compare	vertices edges prism surface compare	clockwise anticlockwise rotation	right angle 90 degrees	
Y3	perpendicular line parallel line polygon diagonal axis of symmetry regular / irregular	nets base dimensions polyhedron	orientation horizontal line vertical line	greater than less than protractor	

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	2-D shape	3-D shape	Position and Direction	Angle	Co-ordinates
Y4	geometric shapes quadrilateral tetragon ( 4 sided shape) trigon ( 3 sided shape) kite trapezium rhombus ( lozenge) parallelogram isosceles triangle scalene triangle equilateral triangle dodecagon hendecagon dissect classify breadth width		translation congruent oblique	acute obtuse degrees	first quadrant coordinate points
Y5	regular polygon irregular polygon bisect congruent dimension quindecagon rotational symmetry		adjacent intersection rotational	reflex base angles interior exterior	
Y6	radius diameter circumference		enlargement equidistant		fourth quadrants positive negative

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	Money	Time	Length and Height	Weight and Mass	Volume/ Capacity	Area and Perimeter
EYFS	coin note one pence	quicker slower before after next first today morning afternoon evening clock Monday Tuesday Wednesday Thursday Friday Saturday Sunday	long short tall/ short longest shortest	heavy light	full empty more less	

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	Money	Time	Length and Height	Weight and Mass	Volume/ Capacity	Area and Perimeter
Y1	pound pence 2p,5p,10p	long hand short hand hour o'clock half past half hour months of the year quicker than slower than quickest quicker than slower than slowest tomorrow yesterday day week month year minute second calendar chronological order tell the time	longer than shorter than taller than smaller than double/half ruler tape measure metre stick trundle wheel scale	heavier than lighter than hot cold hotter than colder than temperature thermometer scales scale	half full half empty more than less than quarter half jug measuring cylinder scale	

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Y2	20p, 50p, £1, £2, £5, £10 total cost change	minute hand hour hand quarter past quarter to 5 past, 10 past, 20 past, 25 past 5 to, 10 to, 20 to, 25 to 24 hours in a day	standard unit cm metre half a metre quarter of a metre estimate measure length	standard unit kilogram half a kilogram quarter of a kilogram kilogram grams degrees positive/negative estimate measure	standard unit litre half a litre quarter of a litre estimate measure millilitre measuring vessel	
Y3	decimal notation of money	12 hour 24 hour decade leap year century noon midnight am pm Roman numerals Estimate duration	metric millimetre kilometre perimeter breadth width convert	metric convert difference	metric convert	centimetre perimeter millimetre metre
Y4		analogue digital 24 hour				area square centimetres rectilinear shape counting
Y5			imperial inches feet approximate	imperial pounds ounces stones approximate	imperial pints approximate cuboids cubic centimetres	standard units square metres

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Y6			miles		formulae cubic kilometres cubic millimetres	formulae
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Statistics	
EYFS	chart tally
Y1	tally chart pictogram sort
Y2	block graph / bar charts venn diagram carroll diagram table category total compare scale calendar How many more? How many fewer?
Y3	axis interpret key subset timetable information graph

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Y4	discrete data continuous data time graphs comparison sum difference
Y5	frequency chart line graph
Y6	mean median mode average pie chart scatter graph