

# Maths Vocabulary Progression

EYFS – Year 6

# Number

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	zero one, two, three ... twenty count, count on/back subitise order ordinal compare forwards backwards numerals digit 1 more 1 less equal too more than less than fewer	twenty one to a hundred sort represent multiples partitioning ones tens	count in steps count in multiplies place value estimate compare one hundred , two hundred to one thousand greater than less than equal hundreds stands for 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> to 20 <sup>th</sup>	ascending descending 10 or 100 more 10 or 100 less	negative numbers roman numerals 1000 more 1000 less thousands round	ten thousands one hundred thousands powers of integer	millions ten millions
Addition and Subtraction	add plus altogether total take-away minus number bonds part whole digit	addition subtraction difference equals facts problems missing numbers 2 digit number inverse	sum 3 digit number commutative	column addition column subtraction exchange estimate	4 digit number operations methods		

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Multiplication and Division	double half twice as many equal un-equal share group odd even	multiplication division arrays	multiplication tables commutative repeated addition	exchange mathematical statements missing number integers scaling correspondence problems derived facts	factor pairs short multiplication short division division bracket remainders	multiplies factors prime square numbers cube numbers product dividend divisor quotient operations long multiplication	long division
Fractions, decimals and percentages	Parts of a whole half	whole half quarter equal parts	three quarters third equivalent unit fraction non unit fractions numerator denominator division line one whole	tenths	decimal equivalence hundredths convert proper fractions improper fractions decimal point	fifth thousandths mixed numbers percent factors integer complements	

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Ratio and Proportion							relative size missing values integer multiplication percentages scale factor unequal sharing and grouping
Algebra							formulae linear number sequences algebraically equation unknowns combinations variables

# Measurement

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measure and Length	<p>size, compare, guess, estimate, not enough, enough too much, too little too many, too few nearly, close to, same as just over, just under metre</p> <p>length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter taller, higher longest, shortest tallest, highest near, close</p>	<p>measurement roughly centimetre (cm) ruler metre stick</p>	<p>Measuring scale Further/est Tape measure</p>	<p>division approximately millilitre kilometre mile distance apart distance between distance from distance to Perimeter</p>	<p>unit standard unit metric unit breadth edge area centimetre square</p>	<p>imperial unit meters square millimetre square</p>	<p>yard foot/feet inch/inches circumference</p>
Height, Weight and Capacity	<p>weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales full empty half full holds container</p>	<p>kilogram, half-kilogram capacity volume litre, half-litre more than less than quarter full</p>	<p>gram millilitre contains</p>		<p>mass big, bigger small, smaller heavy/heavier/heaviest light/lighter/lightest measuring cylinder</p>	<p>pint gallon</p>	<p>tonne pound ounce centilitre cubic centimetre/meter/ millimetre/kilometre</p>
Temperature			<p>temperature degree</p>	<p>centigrade</p>			

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Time	time days of the week Monday, Tuesday etc 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	months of the year January, February etc seasons – spring, summer, autumn, winter weekend month year earlier/ later first midnight date how long ago? how long will it be to? how long will it take? how often? always, never, often, sometimes usually once, twice half/quarter past/to face, hour/minute hand hours minutes	fortnight 5,10,15 minutes past digital/ analogue timer seconds	century calendar earliest latest am / pm roman numerals twelve hour clock 24 hour clock	leap year millennium noon date of birth timetable arrive depart			Greenwich mean time British summer time International date line

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<b>Money</b>	money coin penny, pence, pound price, cost buy, sell spend, spent pay	change dear, cost more cheap, cost less cost the same as how much? how many? total	bought sold			discount currency	profit loss

## Geometry

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Properties of shape</b>	shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match	symmetry	surface line symmetry	perimeter	line construct sketch centre angle right angled base square based reflect regular irregular	radius, diameter congruent axis of symmetry reflective symmetry	circumference concentric arc net open/closed intersecting intersection plane



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2D – Shape	corner, side rectangle (including square) circle triangle	point/ed	rectangular circular triangular pentagon hexagon octagon	pentagonal hexagonal octagonal quadrilateral right-angle parrel perpendicular	two dimensional (2d) oblong rectilinear equilateral/isosceles/ scalene triangle heptagon parallelogram rhombus polygon trapezium	X axis Y axis quadrant	kite
3D - Shape	face, edge, vertex, vertices cube pyramid sphere cone	cuboid cylinder		hemisphere prism triangular prism	three dimensional (3d) spherical cylindrical tetrahedron polyhedron	octahedron	dodecahedron net open/closed
Position	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	underneath centre journey quarter turn three quarter turn	route higher, lower clockwise anti-clockwise right-angle straight line	compass point north east south west horizontal vertical diagonal angle ... is a greater angle than angle ... is smaller angle than acute obtuse	north east north west south east south west translate translation rotate rotation degree reflection compass	coordinate protractor	reflex angle



# Statistics

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Statistics	count, sort group, set list	vote table	tally graph block graph pictogram represent label title most/least common/popular	chart, bar chart frequency table Carroll diagram Venn diagram axis/axes diagram	survey questionnaire data	database bar line chart line graph maximum/minimum value outcome	pie chart mean mode median range statistics distribution

## General/Problem Solving

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General/Problem Solving	Pattern puzzle what could we try next? how did you work it out? recognise describe draw compare sort	problem problem-solving mental explain your thinking	show how you... explain your method describe the pattern describe the rule investigate mental calculation written calculation	greatest/ least value statement	justify make a statement	explain your reasoning	