

Mathematics Vocabulary Progression Document

	Number – Number and Place Value						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
count	sort	count in steps	ascending	negative numbers	ten thousands	millions	
subitise	represent	count in multiples	descending	roman numerals	one hundred thousand	ten millions	
order/ordinal	multiples	place value	10 or 100 more	1000 more	powers of	interval	
Compare	partitioning	estimate	10 or 100 less	1000 less	integer	positive	
forwards	ones	compare	hundreds	thousands	convert		
backwards	tens	greater than	exchange	round	equivalent		
Numerals	odd	less than		multiple	compare		
digit	even	digit					
one more	most						
one less	least						
equal to	ordering						
more than	digit						
less than/fewer							
the same as							

	Addition and Subtraction							
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
add	addition	sum	column addition	operations				
plus	subtraction	3-digit number	column subtraction	methods				
altogether	difference	commutative	exchange	efficient				
total	equals		estimate	strategy				
take away/minus	fact family		digits					
number bonds	inverse		multiple					
part	number sentence							
whole	column							
digit	ten more							
	ten less							
	total							
	ones							
	tens							
	bar model							
	represent							

		М	ultiplication and Divisi	on		
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
double	multiplication	multiplication tables	exchange	factor pairs	multiples	multi-digit numbers
half	division	commutative	mathematical statements	formal written method	factors	long division
twice as many	arrays	repeated addition	missing number problems	distributive law	prime numbers	
equal			integer scaling problems	remainders	square numbers	
unequal			correspondence problems	dividend	cube numbers	
share			derived facts	divisor	short division	
group			dividend	quotient	product	
odd			divisor		dividend	
even			quotient		divisor	
					quotient	
					operations	
			_			

	Fractions/Decimals/Percentages							
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
	whole	three quarters	tenths	decimal equivalence	fifth			
	half	third		hundredths	thousandths			
	quarter	equivalent fractions		convert	mixed numbers			
	equal parts	unit fractions		proper fractions	percent			
		non unit fractions		improper fractions	factors			
		numerator		decimal point	integer			
		denominator			complements			
		one whole						

	Ratio and Proportion							
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
						relative size		
						missing values		
						integer multiplication		
						percentages		
						scale factor		
						unequal sharing		
						unequal grouping		

			Algebra			
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						formulae
						linear number sequences
						algebraically
						equation
						unknowns
						combinations
						variables

Measurement (Measure and Length)						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
measure	compare	standard units	millimetre (mm)	kilometres (km)	decimal notation	conversion
wide(er)		estimate	perimeter	rectilinear figure	scaling	miles
narrow(er)		order		area	metric units	formulae
compare		record results			imperial units	parallelograms
long(er)(est)		centimetre (cm)			inches	triangles
short(er)(est)		metre (m)			compound shape	feet
length					irregular shapes	
					square centimetres	
					square metres	

	Measurement (Height, Weight and Capacity)							
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
height	mass	kilogram (kg)			cubic centimetre	cubic metre		
long(er)/short(er)	volume	gram (g)			pounds	cubic millimetre		
tall(er)/short(er)		quarter full			pints	cubic kilometre		
weight		three quarters full				gallons		
capacity		litres (I)				stones		
heavy/light		millilitres (ml)				ounces		
heavier than		temperature						
lighter than		celsius						
big/bigger/biggest								
full/empty								
more than								
less than								
half/half full								

	Measurement (Time)								
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6			
time	chronological order	intervals of time	analogue clock	convert					
quicker	days of the week	quarter past/to	roman numerals						
slower	months of the year	duration	12-hour clock						
earlier	month		24-hour clock						
later	year		a.m./p.m.						
before	o'clock		noon						
after	half past		midnight						
first	second		leap year						
next			digital						
today									
yesterday									
tomorrow									
morning									
afternoon									
evening									
day									
week									
hour									
minutes									

Measurement ((Money)
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Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
money	value				
coins	change				
notes					
pounds £					
pence p					
	money coins notes pounds £	money value coins change notes pounds £	money value coins change notes pounds £	money value coins change notes pounds £	money value coins change notes pounds £

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2-d shapes	sides	pentagon	right-angle triangle	isosceles	regular polygon	radius
rectangle	corners	hexagon	heptagon	equilateral	irregular polygon	diameter
square	properties	line of symmetry	octagon	scalene	reflex angles	circumference
circle	pyramids	properties	polygon	trapezium	degrees	dimensions
triangle	faces	cylinder	properties	rhombus	one whole turn	
characteristics		edges	prism	parallelogram	angles on a straight line	
3-d shapes		vertices	orientations	kite	angles around a point	
cuboids		vertex	angles	geometric shapes	vertically opposite	
cubes			acute angle	quadrilaterals	missing angles	
cone			obtuse angle			
spheres			turn			
curved			right angles			
straight			half turn			
flat			three quarters of a turn			
			greater than a right angle			
			less than a right angle			
			horizontal lines			
			vertical lines			

	perpendicular lines		
	parallel lines		

	Geometry (Position and Direction)							
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
over	position	clockwise		co-ordinates	reflection	four quadrants		
under	direction	anti-clockwise		first quadrant		co-ordinate plane		
between	movement	straight line		grid				
around	whole turn	rotation		translation				
through	quarter turn	arrange		plot				
on	half turn	sequences		polygon				
into	three-quarter turn			axis				
next to								
behind								
beneath								
order								
repeat								
patterns								
on top of								

	Statistics						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
		pictograms	table	time graph	timetable	pie chart	
		tally chart	bar chart	discrete data	two-way tables	mean	
		block diagram	one-step problem	continuous data			
		category	two-step problem	line graph			
		sorting		comparison data			
		totalling		line graph			
		comparing		comparison problem			
		horizontal		sum problem			
		vertical		difference problem			
				calculate			
				interpret			