

Maths progression of vocabulary

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	count	sort	count in steps	ascending	negative numbers	ten thousands	millions
	subitise	represent	count in multiples	descending	roman numerals	hundred thousands	ten millions
	order	multiple	place value	100 more	1000 more	powers of	
	compare	partitioning	estimate	100 less	1000 less	integer	
	forwards	tens		hundreds	thousands		
	backwards	ones			round		
	digit	numerals					
	one more						
	one less						
	equal to						
	more than						
	less than (fewer)						
	Addition and subtraction	add	addition	sum	estimate	4 digit number	
plus		subtraction	exchange	3 digit number	operations		
altogether		difference	column addition		methods		
total		equals	column subtraction				
take away		facts					
minus		problems					
number bonds		missing number					
part		2 digit					
whole		inverse					
digit		commutative					
Multiplication and Division	double	multiplication	division	exchange	factor pairs	prime numbers	long division
	half	arrays	commutative	scaling	operations	square numbers	
	twice as many		repeated addition	grid	methods	cube numbers	
	equal				remainders	short division	
	unequal				multiples	product	
	share					dividend	
	group					divisor	
	odd					quotient	

M	even						
Fractions, decimals and perc	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		whole half quarter equal parts	three quarters third equivalent fractions unit fractions non unit fractions numerator denominator one whole fifths	tenths	decimal hundredths	thousandths percent	
Measure Length	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		measure wider narrower long(er)(est) short(er)(est) length	compare order	units estimate centimetre millimetre metre	perimeter kilometres	area rectilinear	metric units imperial units inches compound shape irregular shape square centimetres
Measure Height, weight, capacity	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		height taller weight heavy/ heaviest light/lightest big/bigger/biggest full/empty more than less than half/ half full	capacity mass temperature celcius	volume gram kilogram quarter full three quarters full litres millitres	convert		cubic centimetre cubic metre pounds gallons pints stones
M	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		time quicker slower earlier	days of the week intervals months of the ye quarter past month year	quarter to duration	analogue 12 hour clock 24 hour clock noon	convert timetable	

Measure Time	later	o'clock	am	midnight			
	before	half past	pm	leap year			
	after	seconds		digital			
	first						
	next						
	today						
	yesterday						
	tomorrow						
	morning						
	afternoon						
	evening						
	day						
	week						
	hour						
minutes							
Measure Money	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		money coins notes pounds pence	value change				
ape	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	2-D shapes	properties	pentagon	right angle	isosceles	regular polygon	radius
	rectangle	sides	hexagon	heptagon	equilateral	irregular polygon	diameter
	square	corners	symmetry	octagon	scalene	reflex angles	circumference
	circle	vertices	edges	polygon	trapezium	degrees	dimensions
	triangle	pyramids	vertices	orientations	rhombus		
	3-D shapes	faces	vertex	angles	parallelogram		
	cuboids	cylinder	prism	acute angle	kite		
	cubes		turn	obtuse angle	geometric shapes		
	cone		three quarter turn	horizontal lines	quadrilaterals		
	spheres		half turn	vertical lines			
	curved			perpendicular lines			
	straight			parallel lines			

Sh	flat							
Position and Direction	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
	over	position	clockwise		coordinates	reflection	coordinate plane	
	under	direction	anti clockwise		quadrant			
	between	movement	straight line		grid			
	around	whole turn	rotate		translation			
	through	quarter turn	arrange		plot			
	on	half turn	sequence		axis			
	into							
	next to							
	behind							
	beneath							
	order							
	repeat							
	patterns							
on top of								
Statistics	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
			pictograms	bar chart	time graph	timetable	pie chart	
			tally chart	interpret	discrete data	two-way tables	mean	
			block diagram		continuous data			
			category		line graph			
			sorting		comparison graph			
			totalling					
			comparing					
			horizontal					
			vertical					
			table					
			difference					
	Ratio	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
								relative size
							missing values	
							integer	
							scale factor	
	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	

Algebra

formulae
linear number sequences
algebraically
equation
unknowns
combinations
variables