

Amotherby Community Primary School  
 Maths Vocabulary Progression  
Number and Place Value

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
number	sort	count in steps	ascending	tenths	ten thousands	millions
zero	represent	count in multiples	descending	hundredths	one hundred thousand	ten million
teens numbers	multiples	place value	10 or 100 more	decimal	powers of	
Count	partitioning	estimate	10 or 100 less	round (to nearest)	integer	
forwards	ones	compare	numbers to one thousand	thousand more/ less than		
Backwards	tens	hundreds		roman numerals		
numerals	more	recombine				
digit	less	hundred more				
one more	many	hundred less				
one less	few	numbers to one hundred				
is the same as	greater					
biggest	lesser					

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smallest	equal to					
match	odd					
same	even					
different	digit					
set						
sort						
more						
fewer						
subitise						

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Addition and subtraction

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
add	addition	sum	column addition	4-digit number	efficient written method	order of operations
plus	subtraction	3-digit number	column subtraction	operations	addend (a number to be added to another)	addend (a number to be added to another)
altogether	difference	commutative	exchange	method	subtrahend (a number to be subtracted from another)	subtrahend (a number to be subtracted from another)
count	equals		addend (a number to be added to another)	addend (a number to be added to another)		
total	facts		subtrahend (a number to be subtracted from another)	subtrahend (a number to be subtracted from another)		
take away/ minus	problems					
number bonds	missing number problems					
part	2-digit number					

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whole	inverse					
digit						
is the same as						
biggest						
smallest						

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Multiplication and Division

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
twice as many	multiplication	multiplication tables	exchange	factor pairs	multiples	multi-digit numbers
Share	division	commutative	mathematical statements	formal written layout	Multiplicand (a number to be multiplied by another)	long division
group	arrays	repeated addition	missing number problems	distributive law	Multiplier (a number which is multiplied by a multiplicand)	Multiplicand (a number to be multiplied by another)
number patterns	multiply by		integer scaling problems	remainders	Factors and common factors	Multiplier (a number which is multiplied by a multiplicand)
double	lots of/ groups of		correspondence problems	multiplicand (a number to be multiplied by another)	square numbers	Product
halve			derived facts	Multiplier (a number which is multiplied by a multiplicand)	cube numbers	dividend

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			product	product	prime numbers	divisor
			multiplicand (a number to be multiplied by another)		Short division	quotient
			Multiplier (a number which is multiplied by a multiplicand)		dividend	
					divisor	
					quotient	



$$7 \times 3 = 21$$

↓

**Multiplier**

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**Multiplicand**

↓

**Product**


  
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Quotient

8

9 ) 75

- 72

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3

Remainder

Divisor

Dividend

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Fractions, decimals and percentages

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	whole	three quarters	tenths	decimal equivalence	fifth	degree of accuracy
	half	third		hundredths	thousandths	simplify
	quarter	equivalent fractions		convert	mixed numbers	simplified form
	equal parts	unit fractions		proper fractions	per cent %	same denomination
		non-unit fractions		improper fractions	complements	
		numerator		decimal point	common denominator	
		denominator			improper fraction	
		one whole			proper fraction	
					mixed number	

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Ratio and proportion

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						relative size
						missing values
						integer multiplication
						percentages
						scale factor
						unequal sharing and groups

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Algebra

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

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Measurement (height and length)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
measure	compare	standard units	millimetre mm	kilometre km	decimal notation	conversion
wide(er)		estimate	perimeter	rectilinear figure	scaling	miles
narrow(er)		order		area	metric units	feet
long(er) (est)		record results			imperial units	
short(er) (est)		centimetre cm			inches	
length		metre m			compound shape	
size					irregular shape	
height					square centimetres	
tall (er) (est)					square metres	
short (er) (est)						

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Measurement (mass capacity, volume)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
weight	mass	kilogram kg			cubic centimetre	cubic metre
capacity	volume	gram g			pounds	cubic millimetre
heavy/ heavier		quarter full			pints	cubic kilometre
light/ lighter		three quarters full				gallons
full		litres l				stones
empty		millilitres ml				ounces
half full		temperature				
half empty		Celsius				

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Measurement (time)

Reception	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	digital clock			
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						
today						
yesterday						

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tomorrow						
morning						
afternoon						
evening						
day						
week						
hour						
minutes						

Measurement (money)

<b>Reception</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
	money	value				
	coins	change				
	notes					
	pounds £					
	Pence p					

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Geometry- properties of shape

Reception	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	lines of symmetry	octagon	scalene	reflex angles	circumference
circle	pyramids	properties	hexagon	trapezium	degrees	dimensions
characteristics	faces	cylinder	polygon	rhombus	one whole turn	
3-d shapes		edges	properties	parallelogram	angles on a straight line	
cuboids		vertices	prism	kite	angles around a point	
cubes		vertex	orientations	geometric shapes	vertically opposite	
cone			angles	quadrilaterals	missing angles	
sphere			acute angle			
curved			obtuse angle			
straight			turn			

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flat			right angles			
			half turn			
			three quarters of a turn			
			greater than right angle			
			less than right angle			
			horizontal lines			
			vertical lines			
			parallel lines			
			perpendicular lines			

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Geometry- position and direction

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
over	position	clockwise		coordinates	reflection	four quadrants
under	direction	anti clockwise		first quadrant	translation	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						

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on top of						
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Statistics

Reception	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 timetables	mean
		block diagram	one-step problem	continuous data		average
		category	two-step problem	line graph		
		sorting		comparison problem		
		totalling		sum problem		
		comparing		difference problem		
		horizontal		calculate		
		vertical		interpret		