



St Anne's C of E (A) Primary School
Mathematics Vocabulary Progression document (YR-Y6)

Number - Number and place value

Reception	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 thousands	ten millions
order/ordinal	multiples	place value	10 or 100 more	1000 more	powers of	
compare	partitioning	estimate	10 or 100 less	1000 less	integer	
forwards	ones	compare	hundreds	thousands		
backwards	tens			round		
numerals						
digit						
one more						
one less						
equal to						
more than						
less than (fewer)						

Addition and subtraction

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

<i>add</i>	<i>addition/add</i>	<i>sum</i>	<i>column addition</i>	<i>4-digit number</i>		
<i>plus</i>	<i>subtraction</i>	<i>3-digit number</i>	<i>column subtraction</i>	<i>operations</i>		
<i>altogether</i>	<i>difference</i>	<i>commutative</i>	<i>exchange</i>	<i>methods</i>		
<i>total</i>	<i>equals</i>		<i>estimate</i>			
<i>take away /minus</i>	<i>facts</i>					
<i>number bonds</i>	<i>problems</i>					
<i>part</i>	<i>missing number problems</i>					
<i>whole</i>	<i>2-digit number</i>					
<i>digit</i>	<i>inverse</i>					

Multiplication and division

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<i>double</i>	<i>multiplication</i>	<i>multiplication tables</i>	<i>exchange</i>	<i>factor pairs</i>	<i>multiples</i>	<i>multi-digit numbers</i>
<i>half</i>	<i>division</i>	<i>commutative</i>	<i>mathematical statements</i>	<i>formal written layout</i>	<i>factors</i>	<i>long division</i>
<i>twice as many</i>	<i>arrays</i>	<i>repeated addition</i>	<i>missing number problems</i>	<i>distributive law</i>	<i>prime numbers</i>	
<i>equal</i>		<i>equal</i>	<i>integer scaling problems</i>	<i>remainders</i>	<i>square numbers</i>	
<i>unequal</i>			<i>correspondence problems</i>		<i>cube numbers</i>	
<i>share</i>			<i>derived facts</i>		<i>short division</i>	
<i>group</i>					<i>product</i>	
<i>odd</i>					<i>dividend</i>	

even					divisor	
					quotient	
					operations	

Fractions/Decimals/Percentages

Reception	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	per cent %	
		non unit fractions		improper fractions	factors	
		numerator		decimal point	integer	
		denominator			complements	
		one whole				

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 & grouping

Algebra

Reception	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)

Reception	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)

Reception	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 l				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)

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	roman numerals			

slower	<i>months of the year</i>	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)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	money	value				
	coins	change				

	<i>notes</i>					
	<i>pounds £</i>					
	<i>pence p</i>					

Geometry – Properties of Shape

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<i>2-d shapes</i>	<i>sides</i>	<i>pentagon</i>	<i>right-angle triangle</i>	<i>isosceles</i>	<i>regular polygon</i>	<i>radius</i>
<i>rectangle</i>	<i>corners</i>	<i>hexagon</i>	<i>heptagon</i>	<i>equilateral</i>	<i>irregular polygon</i>	<i>diameter</i>
<i>square</i>	<i>properties</i>	<i>line of symmetry</i>	<i>octagon</i>	<i>scalene</i>		<i>circumference</i>
<i>circle</i>	<i>pyramids</i>	<i>properties</i>	<i>polygon</i>	<i>trapezium</i>		<i>dimensions</i>
<i>triangle</i>	<i>faces</i>	<i>cylinder</i>	<i>properties</i>	<i>rhombus</i>		
<i>characteristics</i>		<i>edges</i>	<i>prism</i>	<i>parallelogram</i>		
<i>3-d shapes</i>		<i>vertices</i>		<i>kite</i>		
<i>cuboids</i>		<i>vertex</i>		<i>geometric shapes</i>		
<i>cubes</i>				<i>quadrilaterals</i>		
<i>cone</i>						
<i>spheres</i>						
<i>curved</i>						
<i>straight</i>						
<i>flat</i>						

Geometry – Properties of shape (2)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			orientations		reflex angles	
			angles		degrees	
			acute angle		one whole turn	
			obtuse angle		angles on straight line	
			turn		angles around a point	
			right angles		vertically opposite	
			half turn		missing angles	
			three quarters of a turn			
			greater than right angle			
			less than right angle			
			horizontal lines			
			vertical lines			
			perpendicular lines			
			parallel lines			

Geometry – Position and direction

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
over	position	clockwise/anti-clockwise		co-ordinates	reflection	four quadrants
under	direction	straight line		first quadrant		co-ordinate plane
between	movement	rotation		grid		
around	whole turn	arrange		translation		
through	quarter turn	sequences		plot		
on	half turn			polygon		
into	three-quarter turn			axis		
next to						

<i>behind</i>						
<i>beneath</i>						
<i>order</i>						
<i>repeat</i>						
<i>patterns</i>						
<i>on top of</i>						

Statistics

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