Saint Clare's Catholic Primary School Mathematics Vocabulary Progression document (EYFS-Y6)

Saint Clare's is a Christ-centred family where everyone is valued and respected. We learn and grow, whilst strengthening our relationship with God and one another.
Together in His love, we can achieve our full potential.

Play, learn and grow together with Christ

This document assists with the teaching of maths vocabulary across EYFS, KS1 and KS2 and is aligned with the White Rose schemes of learning, Lancashire Planning, The National Curriculum and Development Matters.

This document identifies in which year group vocabulary should be explicitly taught and introduced. However, language should be revisited in subsequent year groups to ensure children are consolidating their understanding.

Some vocabulary might be introduced earlier (shapes for instance) if necessary or as part of an activity, however this document ensures coverage is progressive.

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

Addition and subtraction

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
add	addition/add	sum	column addition	4-digit number		
plus	subtraction	3-digit number	column subtraction	operations		
altogether	difference	commutative	exchange	methods		
total	equals		estimate			

take away /minus	facts					
number bonds	problems					
part	missing number problems					
whole	2-digit number					
double	inverse					

Multiplication and division

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

Fractions/Decimals/Percentages

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
half	whole	three quarters	tenths	decimal equivalence	fifth	
	quarter	third		hundredths	thousandths	
	equal parts	equivalent fractions		convert	mixed numbers	
		unit fractions		proper fractions	per cent %	
		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
						ratio
						proportion
						relative size
						missing values
						integer multiplication
						percentages
						scale factor
						unequal sharing & 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 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)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
time	minutes	intervals of time	analogue clock	convert	British Summer Time	
quicker	chronological order	quarter past/to	roman numerals		Greenwich Mean Time	
slower	*days of the week*	duration	12-hour clock			

earlier	*months of the year*		24-hour clock			
later	month		a.m./p.m.			
before	year		noon			
after	o'clock		midnight			
first	half past		leap year			
next	second		digital			
today						
yesterday						
tomorrow						
morning						
afternoon						
evening						
day						
week						
hour						

Measurement (Money)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	money	value			currency	profit
	coins	change			discount	loss
	notes					

	pounds £					
	pence p					

Geometry – Properties of Shape

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	arc
3-d shapes		edges	prism	parallelogram	angles on straight line	compass
cuboids		vertices	orientations		dodecahedron	intersect
cubes		vertex	angles			
cone		characteristics	acute angle			
spheres			obtuse angle			
curved			turn			
straight			right angles			
flat			half turn			
			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

EYFS	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		origin
around	whole turn	arrange		translation		
through	quarter turn	sequences		plot		
on	half turn			polygon		
into	three-quarter turn			X axis		
next to				Y axis		
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		statistics
		category	two-step problem	line graph		
		sorting		comparison problem		
		totalling		sum problem		
		comparing		difference problem		
		horizontal		calculate		
		vertical		interpret		