

Sunnybrow Primary School

Mathematics Vocabulary Progression Document



This document is designed to assist with the teaching of vocabulary across EYFS, KS1 and KS2 and is aligned with the White Rose schemes of learning. 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. This document is fully editable so language can be moved into earlier or later year groups where necessary. 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 - 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 thousand	Millions
Subitise	Represent	Count in multiplies	Descending	Roman numerals	One hundred thousand	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

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					
Whole	2-digit number					
Digit	Inverse					

Multiplication and Division

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	Distributed	Prime numbers	
Equal			Integer scaling	Remainders	Square numbers	
Unequal			Correspondence		Cube numbers	
Share			Derived facts		Short division	
Group					Product	
Odd					Dividend	
Even					Divisor	
					Quotient	
					Operations	

Fractions, Decimals, and 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				
		One whole				

Algebra						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						Formula
						Linear number sequence
						Algebraically
						Equation
						Unknowns
						Combinations
						Variable

Measure (Measurement 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 centimetre	
					Square metres	

Measure (Height, Weight and Capacity)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Height	Mass	Kilograms (kg)			Cubic centimetre	Cubic metre
Longer/shorter	Volume	Gram (g)			Pounds	Cubic millimetre
Tall/short		Quarter full			Pints	Cubic kilometre
Weight		Three quarters full				Gallons
Capacity		Litres (l)				Stones
Heavy/light		Millimetres (mm)				Ounces
Heavier than		Temperature				
Lighter than		Celsius				
Big/bigger/biggest						
Full/empty						
More than						
Less than						
Half/ half full						

Measure (Time)

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Time	Chronological order	Intervals	Analogue clock	Convert	Cubic metre
Quicker	Days of the week	Quarter past/to	Roman numerals		Cubic millimetre
Slower	Months of the year	duration	12-hour-clock		Cubic kilometre
Earlier	Month		24-hour-clock		Gallons
Later	Year		a.m./p.m.		Stones
Before	O'clock		Noon		Ounces
After	Half past		Midnight		
First	Second		Leap year		
Next			Digital		
Today					
Yesterday					
Tomorrow					
Morning					
Afternoon					
Evening					
Day					
Week					
Hour					
Minute					

Measure (Time)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Money	Value				
	Coins	Change				
	Notes					
	Pounds £					
	Pence p					

Geometry (Properties of Shape)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2-d shape	Sides	Pentagon	Right-angle triangle	Isosceles	Regular polygon	Radius
Rectangles	Corners	Hexagon	Heptagon	Equilateral	Irregular polygon	Diameter
Square	Properties	Line of symmetry	Octagon	Scalene	Reflex	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	Quadrilaterals	Missing angles	
Cone			Obtuse			
Sphere			Turn			
Curve			Right angle			
Straight			Half turn			
Flat			Three quarters of a turn			
			Greater than right angle			
			Horizontal			
			Vertical			
			Perpendicular			
			Parallel			

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		
Around	Whole turn	Arrange		Translate		
Through	Quarter turn	Sequences		Plot		
On	Half turn			Polygon		
Into	Three-quarter turn			Axis		
Next to						
Behind						
Beneath						
Order						
Repeat						
Patterns						
On top of						

