

St. Benedict's Catholic Primary School



Learning and Challenge Rooted in Faith

Mathematics Vocabulary Progression Document. 2025-2026

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. Some vocabulary might be introduced earlier 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
number numerals none many equal to/same as more (than) fewer (than) backwards forwards after before compare ordinal/order subitise collection count amount largest smallest lot(s) different represent zero	numbers to 20 digit sort multiples partition recombine one(s) ten(s) place value odd even most fewest greatest greater (than) less than order between above below compare count on ordinal numbers (first, second, third, etc)	numbers to 100 count in steps multiple estimate greater than less than least partition exchange interval value	numbers to 1000 ascending descending 10 or 100 more 10 or 100 less hundred(s) part whole	round Roman numerals 1000 more 1000 less thousands place holder	hundred thousand(s) integer convert equivalent negative number millions power of 10 ten thousand	ten million sequence

Addition and Subtraction

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
add add more altogether total take away number bonds part whole digit addend one more one less first left now	addition add together minuend subtrahend subtraction/subtract minus plus more sum double/near double half/halve difference equal to fact family problems missing number problems 2-digit number inverse bar model efficient greater less group number bond symbol systematic total	calculation exchange method multiple one(s) operation partition related fact(s) ten(s) value increase decrease 3-digit number commutative sum	column addition column subtraction digit exchange estimate hundred(s) inverse crossing the 10 crossing the 100	4-digit number efficient inverse round thousand(s)	efficient written method accurate approximate constant difference strategy	order of operations

Multiplication and Division

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
odd even double half twice as many equal groups unequal share/sharing groups/grouping fair pair	multiplication division arrays row column count in... lots of groups of.. times multiply repeated addition divide	multiplication tables times-table commutative divide twice	inverse multiple exchange mathematical statements derived facts product remainder factors scale up/scaling correspondence	factor factor pairs distributive law remainders formal written method triple efficient	prime number square number cube number short division dividend divisor quotient operations common multiple common factor	long division composite number multi-digit numbers order of operations powers of

Fractions, Decimals and Percentages

EYFS	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	tenths scale, compare, convert	decimal equivalence hundredths convert round proper fractions improper fractions decimals point decimal place mixed numbers	fifth thousandths percent % percentage complements common numerator common denominator fractional part	simplify simplest form degree of accuracy recurring (decimal)

Ratio and Proportion						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						relative size missing values integer multiplication percentages scale factor unequal sharing and grouping additive enlargement proportion ratio scaling simplest form

Algebra						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						algebra/algebraically formulae function linear number sequences equation unknowns combinations variables expression substitution input/output solve rule

Statistics

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		pictograms tally chart table block diagram category sorting collect record totalling comparing horizontal vertical popular key	bar chart Carroll diagram Venn diagram axis/axes horizontal vertical diagram label scale frequency table two-way table title	time graph discrete data continuous data line graph comparison problem calculate interpret	timetable variable	pie chart mean construct average dual bar chart

Measurement (Measure & Length)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
measure wide(r) narrow(er) compare long (er,est) short (er,est) length	ruler centimetre (cm)	standard units estimate order record results metre (m)	millimetre (mm) perimeter	kilometre (km) area rectilinear figure irregular shape width	decimal notation scaling metric units imperial units inches compound shapes square centimetres square metres	conversion miles formula/formulae parallelograms triangles feet perpendicular height

Measurement (Height, Weight & Capacity)						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
balanced balancing scales big/bigger/biggest large small/smaller full/empty more than most less/less than/least half/half full height tall thin weight heavy/light heavier than light/lighter than capacity float sink narrow wide	mass volume	kilograms (kg) gram (g) quarter full three quarters full litres (l) millilitres (ml) temperature Celsius	Millimetre (mm)		cubic centimetre pounds pints	cubic centimetre cubic millimetre cubic kilometre gallons stones ounces

Measurement (Time)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
seasons time quicker slower earlier later before after first next today yesterday tomorrow morning afternoon evening day week hour minutes	chronological order days of the week months of the year month year o'clock half past second watch	intervals of time five-minute intervals midnight noon quarter past/to duration	analogue clock Roman numerals 12-hour clock 24-hour clock am/pm leap year digital			

Measurement (Money)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	amount money coins notes pounds (£) pence (p) unitise value	cost change worth	convert	decimal		

Geometry (Properties of Shape)

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

Geometry (Properties of Shape 2)

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

Geometry (Position & Direction)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
on into through around between under over next to behind beneath order repeat patterns on top of down in front inside move out/outside up above backwards below beside bottom forwards map position route	position direction movement whole/full turn quarter turn half turn three-quarter-turn far left near right	clockwise anti-clockwise straight line rotation arrange sequences north south east west		co-ordinates grid translation plot axis reflection	quadrant	four quadrants co-ordinate plane <i>x</i> -axis <i>y</i> -axis

Pattern

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
after line next pattern spot star stripe swirl zigzag continue copy mistake repeat repeating pattern same unit of repeat		decreasing increasing sequence				