

## Maths – progression of vocabulary

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

PLACE VALUE						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
count subitise order/ordinal compare forwards backwards numerals digit one more one less equal to more than less than (fewer)	sort represent multiples partitioning ones tens	count in steps count in multiples place value estimate compare	ascending descending 10 or 100 more 10 or 100 less hundreds	negative numbers roman numerals 1000 more 1000 less thousands round	ten thousands one hundred thousands power of integer	millions ten millions

ADDITION AND SUBTRACTION						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
add plus altogether total takeaway/minus number bonds part whole digit	addition/add subtraction difference equals facts problems missing number problems	sum 3-digit number commutative	column addition column subtraction exchange estimate	4-digit number operations methods		

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

FRACTIONS (including decimals & 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	decimal equivalence hundredths convert proper fractions improper fractions decimal point	fifth thousandths mixed numbers per cent % factors integer complements	ratio proportion relative size missing values integer multiplication percentages scale factor unequal sharing & grouping

## MEASUREMENT

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measure & Length						
measure wider(er) narrow(er) compare longer(er)(est) short(er)(est) length	compare	standard units estimate order record results centimetre (cm) metre (m)	millimetre (mm) perimeter	kilometres (km) rectilinear figure area	decimal notion scaling metric units imperial units inches compound shape irregular shapes square centimetres square meters	conversion miles formulae parallelograms triangles feet
Height, Weight and Capacity						
height long(er)/short(er) tall(er)/short(er) weight capacity heavy/light heavier than lighter than big/bigger/biggest full/empty more than less than half/half full	mass volume	kilogram (kg) gram (g) quarter full three quarters full litres (l) millilitres (ml) temperature Celsius			cubic centimetre pounds pints	cubic metre cubic millimetre cubic kilometre gallons stones ounces
Money						
	money coins notes pounds (£) pence (p)	value change				

Time						
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	intervals of time quarter past/to duration	analogue clock roman numerals 12-hour clock 24-hour clock a.m./p.m. noon midnight leap year digital	convert		

## GEOMETRY

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Position and direction						
over under between around through on into next to behind beneath order repeat patterns on top of	position direction movement whole turn quarter turn half turn three-quarter turn	clockwise/anti clockwise straight line rotation arrange sequences		co-ordinates first quadrant grid translation plot polygon axis	reflection	four quadrants co-ordinate plane
Properties of Shape						
2-d shapes rectangle square circle triangle characteristics 3-d shape cuboids cubes cone spheres curved straight flat	sides corners properties pyramids faces	pentagon hexagon line of symmetry properties cylinder edges vertices vertex	right-angle triangle heptagon octagon polygon properties prism orientations angles acute angle obtuse angle turn right angles half turn three quarters of a turn greater than right angle less than right angle horizontal lines vertical lines perpendicular lines parallel lines	isosceles equilateral scalene trapezium rhombus parallelogram kite geometric shapes quadrilaterals	regular polygon irregular polygon reflex angles degrees one hole turn angles on straight line angles around a point vertically opposite missing angles	radius diameter circumference dimensions

## STATISTICS AND ALGEBRA

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		pictograms tally chart block diagram category sorting totalling comparing horizontal vertical	table bar chart one-step problem two-step problem	time graph discrete data continuous data line graph comparison problem sum problem difference problem calculate interpret	timetable two-way tables	formulae linear number sequences algebraically equation unknowns combinations variables pie chart mean