Shawlands Primary School

BETTER TOGETHER

Key Stage 1 and Key Stage 2 Maths Vocabulary Progression

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National Curriculum Area	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	number numeral digit zero, one, two, three …, teens numbers, eleven, twelve … twenty, twenty-one, twenty-two … one hundred none how many …? count, count (up) to, count on (from, to), count back (from, to) forwards backwards count in ones, twos, fives, tens equal to equivalent to is the same as more, less most, least many odd, even multiple of few pattern pair ones tens more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less compare order size first, second, third… twentieth last before, after next between half-way between above, below partition	Previous year plus: two hundred … count in threes tally sequence continue predict rule > greater than < less than = equal to estimate one-, two- or three-digit number place, place value stands for, represents exchange twenty-first, twenty-second … place holder	Previous years plus: one thousand… Count in fours, eights, fifties and hundreds factor of relationship one hundred more one hundred less	Previous years plus: ten thousand, hundred thousand, million count in sixes, sevens, nines, twenty-fives and thousands next, consecutive Roman numerals integer, positive, negative above/below zero, minus negative numbers round one thousand more one thousand less	Previous years plus: factor pair ≥ greater than or equal to ≤ less than or equal to Formula linear divisibility square number prime number ascending/descending order Powers Whole numbers	Previous years plus: ten million factorise prime factor ascending/descending order digit total

National Curriculum Area	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition and Subtraction	addition add, more, and make, sum, total altogether / together / put together Combine Increase take away / subtract / minus difference / difference between equals is the same as make double near double half, halve forwards / backwards more than / less than one more, two more … ten more one less, two less… ten less how many more to make …? how many more is … than …? how many are left/left over? how many have gone? Number bonds One digit Two digit Operations Missing number	Previous year plus: Fewer Commutative Inverse Exchange Crossing Column Equivalent / balances	Previous years plus: near double hundreds one hundred more number facts tens boundary estimate formal written method	Previous years plus: hundreds boundary 4 digit numbers	Previous years plus: tenths boundary rounding	Previous years plus: Equation

National Curriculum Area	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication and Division	multiplication multiply multiplied by multiple 2s, 5s, 10s forwards backwards division dividing grouping sharing, share, share equally one each, two each, three each … ten each doubling halving array number patterns	3s groups of / multiple of times once, twice, three times … ten times repeated addition division dividing, divide, divided by, divided into inverse left, left over group in pairs, threes … tens equal groups of doubling halving array row, column	4s, 8s multiples of 50 and 100 factor product remainder one each, two each, three each … ten each group in pairs, threes … tens Divisor Short multiplication / division expanded method Chunking	6s, 7s, 9s, 11s, 12s Factor pairs square, squared cube, cubed distributive law scaling correspondence	long multiplication factor pairs composite number prime number prime factors square number square root cubed number formal written method	Order of operations Common factors Common multiples

National Curriculum Area	Year 1	Year 2	Year 3	Year 4 (including decimals)	Year 5 (including decimals and percentages)	(Year 6 (including decimals, percentages, ratio and proportion)
Fractions	fraction equal part equal grouping equal sharing parts of a whole half one of two equal parts quarter one of four equal parts quantity	Previous year plus: equivalent fraction numerator, denominator two halves two quarters, three quarters one third, two thirds one of three equal parts	Previous years plus: mixed number sixths, sevenths, eighths, tenths … unit fractions non-fractions compare order bisect	Previous years plus: hundredths decimal decimal fraction decimal point decimal place decimal equivalent round proportion common equivalent fractions	Previous years plus: proper/improper fraction mixed number reduced to, cancel thousandths proportion, in every, for every percentage, per cent, %	Previous years plus: Common factors ratio Degree of accuracy Simplify % of quantities

National Curriculum Area	Year 1	Year 2	Year 3	Year 4 (including decimals)	Year 5 (including decimals and percentages)	(Year 6 (including decimals, percentages, ratio and proportion)
Measurement	measure measurement size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as roughly just over, just under **Length** centimetre, metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher longest, shortest, tallest, highest far, near, close ruler metre stick **Weight** mass: big, bigger, small, smaller gram / kilogram, weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales **Capacity and volume** litre capacity volume full empty more than less than half full quarter full holds	Previous year plus: measuring scale **Length** further, furthest tape measure **Weight** half kilogram, gram **Capacity and volume** Half litre	Previous years plus: division approximately **Length** millimetre, kilometre, mile distance apart … between … to … from perimeter **Weight** - **Capacity and volume** Millilitre Measuring cylinder	Previous years plus: unit, standard unit metric unit **Length** breadth edge area, covers square centimetre (cm2) **Weight** - **Capacity and volume** -	Previous years plus: imperial unit **Length** square metre (m2), square millimetre (mm2) **Weight** Pound, ounce, pint **Capacity and volume** pint, gallon	Previous years plus: - **Length** yard, foot, feet, inch, inches circumference **Weight** **Capacity and volume** cubic centimetres(cm3), cubic metres (m3), cubic millimetres (mm3), cubic kilometres (km3)

	container	**Temperature** temperature degree	**Temperature** Centigrade	**Temperature** -	**Temperature** -	**Temperature** -
	Time time days of the week, Monday, Tuesday … months of the year (January, February …) seasons: spring, summer, autumn, winter day, week, weekend, month, year birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after earlier, later next, first, last midnight date now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time how long ago? how long will it be to …? how long will it take to …? how often? always, never, often, sometimes usually once, twice hour, o'clock, half past clock, clock face, watch, hands hour hand, minute hand hours, minutes	**Time** Earliest, latest fortnight, calendar quarter past, quarter to 5, 10, 15 … minutes past digital/analogue clock/watch, timer seconds	**Time** 5, 10, 15 … minutes past a.m., p.m. hour hand, minute hand hours, minutes, seconds 12-hour clock time, 24-hour clock time roman numerals noon, midnight	**Time** leap year, century, millennium date of birth now, soon, early, late, earliest, timetable, arrive, depart	**Time** -	**Time** Greenwich Mean Time, British Summer Time, International Date Line
	Money money coin penny, pence, pound price, cost buy, sell spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much …? how many …? total	**Money** -	**Money** -	**Money** -	**Money** discount currency	**Money** profit, loss

National Curriculum Area	Year 1	Year 2	Year 3	Year 4 (including decimals)	Year 5 (including decimals and percentages)	(Year 6 (including decimals, percentages, ratio and proportion)
Geometry	**Properties of shape** shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller pattern, repeating pattern match 2-D shape corner, side point, pointed rectangle (including square) circle triangle 3-D shape cube, cuboid pyramid sphere cone cylinder	Previous year plus: **Properties of shape** Symmetry, symmetrical, symmetrical pattern quadrilateral pentagon hexagon octagon face, edge, vertex, vertices surface base, square-based size prism, triangular prism	Previous years plus: **Properties of shape** perimeter surface line symmetry rectangular circular triangular pentagonal hexagonal octagonal horizontal, vertical, diagonal parallel, perpendicular	Previous years plus: **Properties of shape** construct, centre angle, right-angled reflect, reflection regular, irregular equilateral triangle, isosceles triangle, scalene triangle parallelogram, rhombus, trapezium polygon tetrahedron, polyhedron	Previous years plus: **Properties of shape** Reflex angles, dimensions Regular, irregular, polygons, Composite rectilinear	Previous years plus: **Properties of shape** radius, diameter circumference, concentric, arc net, open, closed congruent intersecting, intersection plane axis of symmetry, reflective symmetry x-axis, y-axis, quadrant octahedron dodecahedron net, open, closed
	Position and direction position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey left, right up, down forwards, backwards, sideways across next to, close, near, far along	**Position and direction** Route quarter turn, three-quarter turn right angle route clockwise, anticlockwise compass point north, south, east, west, N, S, E, W	**Position and direction** horizontal, vertical, diagonal angle … is a greater/smaller angle than acute angle obtuse angle	**Position and direction** Coordinates, translation – left, right, quadrant, x-axis, y-axis north-east, north-west, south-east, south-west, NE, NW, SE, SW translate, translation rotate, rotation degree reflection ruler, set square angle measurer, compass	**Position and direction** Adjacent Angles at a point	**Position and direction** Four quadrants

through
to, from, towards, away from
movement
slide
roll
turn
stretch, bend
whole turn, half turn
straight line

National Curriculum Area	Year 1	Year 2	Year 3	Year 4 (including decimals)	Year 5 (including decimals and percentages)	(Year 6 (including decimals, percentages, ratio and proportion)
Statistics	count, sort, vote group, set list, table	Previous year plus: tally, sort, vote graph, block graph, pictogram represent label, title most popular, most common least popular, least common	Previous years plus: chart, bar chart, frequency table Carroll diagram, Venn diagram axis, axes diagram	Previous years plus: survey, questionnaire, data	Previous years plus: database represent bar line chart maximum/minimum value outcome	Previous years plus: pie chart mean (mode, median, range as estimates for this) statistics, distribution

National Curriculum Area	Year 1	Year 2	Year 3	Year 4 (including decimals)	Year 5 (including decimals and percentages)	(Year 6 (including decimals, percentages, ratio and proportion)
Alegbra	NA	NA	NA	NA	NA	Linear number sequence Substitute Variables Symbol known values formula, formulae algebraically