

Shawlands Primary School



SHAWLANDS
PRIMARY SCHOOL



BETTER TOGETHER

Maths Vocabulary Progression

EYFS-YEAR 6

National Curriculum Area	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value	Count First Last More Fewer Subitise Compare Add Altogether	One more than, one less than Order Subitise Smaller than Larger than Greater than Less than	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	Previous years 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

			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					
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National Curriculum Area	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition and Subtraction	Key Vocab Total Add Altogether Groups Subtract Take Away Count Forwards Count Backwards More than Less than Smaller Larger	Total Add Altogether Groups Subtract Take Away Count Forwards Count Backwards More than Less than Smaller Larger Double Even Odd Count On Count Back Number Sentence	Previous year plus: 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	Previous year plus: Fewer Commutative Inverse Exchange Crossing Column Equivalent / balances	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	Previous year plus: Fewer Commutative Inverse Exchange Crossing Column Equivalent / balances	Previous years plus: tenths boundary rounding	Previous year plus: Fewer Commutative Inverse Exchange Crossing Column Equivalent / balances

			Missing number		Operations Missing number			
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National Curriculum Area	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication and Division		Groups Count How many Equal Double Half Share Even Odd	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	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

National Curriculum Area	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fractions	share	Part Whole Half Same as	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	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measure	First Next days of the week, Monday, Tuesday ... morning, afternoon Short long	Previous years plus: Length Shortest, longest tallest Weight big, bigger, small, smaller heavy, light heavier than, lighter than heaviest, lightest capacity full empty more than less than time last then O'Clock Hour seasons: spring, summer, autumn, winter today, yesterday, tomorrow bedtime, dinner time, playtime	Previous years plus: 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	Previous years plus: Length further, furthest tape measure Weight half kilogram, gram Capacity and volume Half litre Temperature temperature degree Time Earliest, latest fortnight, calendar quarter past, quarter to 5, 10, 15 ... minutes past digital/analogue clock/watch, timer seconds -	Previous years plus: Length millimetre, kilometre, mile distance apart ... between ... to ... from perimeter Weight Capacity and volume Millilitre Measuring cylinder Temperature Centigrade 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 -	Previous years plus: unit, standard unit metric unit Length breadth edge area, covers square centimetre (cm ²) Weight Capacity and volume pint, gallon Temperature - Time Money discount currency Time leap year, century, millennium date of birth now, soon, early, late, earliest, timetable, arrive, depart	Length square metre (m ²), square millimetre (mm ²) Weight Pound, ounce, pint Capacity and volume pint, gallon Temperature - Time discount currency Weight Capacity and volume cubic centimetres(cm ³), cubic metres (m ³), cubic millimetres (mm ³), cubic kilometres (km ³) Temperature Time Greenwich Mean Time, British Summer Time, International Date Line Money profit, loss	



		Money Name different coins correctly	gram / kilogram, weigh, weighs, balances scales Capacity and volume litre capacity volume half full quarter full holds container Time months of the year (January, February ...) day, week, weekend, month, year birthday, holiday evening, night before, after earlier, later 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					
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			hour, o'clock, half past clock, clock face, watch, hands hour hand, minute hand hours, minutes 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					
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National Curriculum Area	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Geometry	sides, corners, straight, flat, round. Triangle Circle Rectangle Square	sides, edges, corners, straight flat, round. Triangle Circle Rectangle Square Cube Cuboid flat curved, straight round bigger, larger, smaller 2-D shape corner, side	Previous year plus: Properties of shape shape, pattern hollow, solid sort make, build, draw size pattern, repeating pattern match 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 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

	<p>Position and direction Under Over On behind Next to</p>	<p>Position and direction 'under', 'over', 'across'. Next to In front of Above On top of Forward Backwards sideways</p>	<p>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 across next to, close, near, far along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn straight line</p>	<p>Position and direction Route quarter turn, three-quarter turn right angle route clockwise, anticlockwise compass point north, south, east, west, N, S, E, W</p>	<p>Position and direction horizontal, vertical, diagonal angle ... is a greater/smaller angle than acute angle obtuse angle</p>	<p>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</p>	<p>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 through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn straight line</p>	<p>Position and direction Route quarter turn, three-quarter turn right angle route clockwise, anticlockwise compass point north, south, east, west, N, S, E, W</p>
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National Curriculum Area	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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

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Algebra								Linear number sequence Substitute Variables Symbol known values formula, formulae algebraically