

Newdale Primary
Mathematics Policy – Appendix I
Vocabulary Progression.



New maths vocabulary for EYFS

Number and place value	Addition and subtraction	Multipl cation and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	General
zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty none how many ...? count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens is the same as more, less odd, even few pattern, pair ones, tens digit the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less	add, more, and make, sum, total altogether double one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...? take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between	sharing doublin g halving number pattern s	Measure, size, compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under metre length, height, width, depth long, short, tall high, low, wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales full, empty, half full holds, container time, days of the week, Monday, Tuesday ... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime	position over, under above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge corner direction left, right up, down forwards, backwards, sideways across next to, close, near, far along through	shape, pattern flat curved, straight round hollow, solid sort make, build, draw Size bigger, larger, smaller symmetrical pattern, repeating pattern match, corner, side rectangle (including square) circle triangle, face, edge, vertex, vertices cube	pattern puzzle what could we try next? how did you work it out? recognis e describe draw compare sort Find, choose, collect, use, make, build, Tell me, describe , pick out, talk about,

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compare order, size first, second, third... twentieth last, last but one before, after next, between guess, how many ...? estimate nearly, close to about the same as just over, just under too many, too few enough, not enough			today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands, money coin penny, pence, pound price, cost buy, sell, spend, spent, pay	to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn	pyramid sphere cone	explain, show me
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New instructional vocabulary for EYFS

Listen join in say think imagine remember start from start with start at	look at point to show me put place fit arrange rearrange change	change over split separate carry on continue repeat what comes next? find	choose collect use make build tell me describe pick out talk about	explain read write trace copy complete finish end fill in	shade colour
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New maths vocabulary for Year 1 (Many overlaps with EYFS-red vocab is Year 1 specific)

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	General/problem solving
Number Zero, one, two, three to twenty, and beyond None Count (on/up/to/from/down/ forwards/backwards) Before, after More, most , less, many , few, fewer, least , fewest, smallest, greater, lesser Equal to , the same as, equivalent to Odd, even Pair Units, ones, tens Ten more/less Digit Numeral Figure(s) Compare (In) order/a different order Size	Number bonds, number line Add, addition , more, plus, make, sum, total, altogether Inverse Double, near double Half, halve Equals, is the same as (including equals sign) Difference between How many more to make..? , how many more is...than..? is...than..? , how much more is..? Subtract , take away, minus How many fewer is...than..?,	Odd, even Count in twos, threes, fives Count in tens (forwards from/backwards from) How many times? Lots of, groups of Once, twice, three times, five times Multiplication Multiple of , times, multiply, multiply by Repeated addition Array, row, column Double, halve Share, share equally Group in pairs, threes, etc.	Full, half full, empty, measurement Holds Container, capacity, volume Weigh, weighs, balances Heavy, heavier, heaviest, light, lighter, lightest Scales, more than, less than Time Days of the week: Monday, Tuesday, etc. Seasons: spring, summer, autumn, winter Day, week, months of the year, weekend Birthday, holiday Morning, afternoon, evening, night, midnight , Bedtime, dinnertime, playtime Today, yesterday, tomorrow Before, after Next, last Now, soon, early, earlier, late , later Quick, quicker, quickest, quickly , fast, faster, fastest, slow, slower, slowest, slowly Old, older, oldest, new, newer, newest Takes longer, takes less time Hour, o'clock, half past, quarter past, quarter to Clock face , watch, hour / minute hands How long ago?, how long will it be to...?, how long will it take to...?, how often? Always, never, often, sometimes, usually Once, twice First, second, third, etc. Estimate, close to, about the same as, just over, just under Too many, too few, not enough, enough Length, width, height, depth	Position Over, under, underneath , above, below, top, bottom, side on, in, outside, inside around, in front, behind Before, after Beside, next to, Opposite Apart Between, middle, edge, centre Corner Direction Journey Left, right, up, down, forwards, backwards, sideways Across	Group, sort Cube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, square Shape Flat, curved, straight, round Hollow, solid Corner (point, pointed) Face, side, edge Make, build, draw Symmetry Symmetrical Point, pointed	Whole Equal parts, four equal parts One half, two halves A quarter, two quarters Equal part, Equal grouping, Equal sharing	Listen, join in Say, think, imagine, remember Start from, start with, start at Look at, point to Put, place, fit Arrange, rearrange Change, change over Split, separate Carry on, continue, repeat, what comes next? Read, write, record, trace, copy, complete, finish, end Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow Cost Count, work out, answer, check same number(s)/different number(s)/missing number(s) Number facts, number line, number

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Value Between, halfway between Above, below roughly	how much less is..? Bar Number bonds/ pairs Missing number	Equal groups of, grouping Divide, divided by, left, left over	Long, longer, longest, short, shorter shortest, tall, taller, tallest, high, higher, highest Low, wide, narrow, deep, shallow, thick, thin Far, near, close Metre, ruler, metre stick Centimetre, metre Kilogram, half a kilogram Litre, half a litre Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as How much?, how many? Total	Close, far, near Along, through To, from, towards, away from Movement Slide, roll, turn, whole turn, half turn Stretch, bend			track, number square, number cards counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board, bar model Same way, different way, best way, another way In order, in a different order Not all, every, each
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New instructional vocabulary for Year 1 (Many overlaps with EYFS-red vocab is new for Year 1)						
listen join in say think imagine remember start from start with start at	look at point to show me put place fit arrange rearrange change	change over split separate carry on continue repeat what comes next? find between	choose collect use make build tell me describe pick out talk about	explain show me read write record trace copy complete finish	end fill in shade colour tick cross draw draw a line	join (up) ring arrow

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New maths vocabulary for Year 2						
Number and place value	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data/statistics	General/problem solving
Numbers to one hundred / two hundred / one thousand Hundreds Partition, recombine Hundred more/less Count in 3s, 4s and so on Sequence Continue Predict 1/2/3 digit numbers Place / place value Stands for Represents Exchange Twenty first.....twenty second..... One hundred more.....one hundred less Number facts Tens boundary Groups of Times Once, twice, three times, ten times Repeated addition Divide, divided by, divided into Share, share equally Left, left over, One each....two each, ten each Groups in pairs, groups in threes, tens Row Column Multiplication table Multiplication fact, division fact Greater than / less than	Quarter past/to m/km, g/kg, ml/l Temperature (degrees) Measuring scale Further, furthest Tape measure Gram Millilitre Contains 5,10, 15.....minutes past Digital / analogue clock, watch, timer Seconds Bought sold	Rotation Clockwise, anticlockwise Straight line Ninety degree turn, right angle Higher, lower Right angle Straight line	Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern Surface Line symmetry Circular Rectangular Pentagon Hexagon Octagon	Three quarters, one third, a third Equivalence, equivalent Equivalent fraction Mixed number Numerator Denominator Two halves Two quarters One of three equal parts	Count, tally, sort Vote Graph, block graph, pictogram, Represent Group, set, list, table Label, title Most popular, most common, least popular, least common	Predict Describe the pattern, describe the rule Find, find all, find different Investigate Show how you Explain your method Mental calculation Written calculation

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New instructional vocabulary for Year 2 (Many overlaps with previous years- red vocab is new for Year 2)

Listen join in say recite think imagine remember start from start with	start at look at point to show me put place fit arrange rearrange	change change over split separate carry on put continue repeat what comes next? Predict	describe the pattern describe the rule find find all find different investigate choose decide collect	use make build tell me describe name pick out discuss talk about	explain explain your method explain how you got your answer give an example of... show how you...
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New maths vocabulary for Year 3

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data / Statistics
Numbers to one thousand, Count in Eights, fifties and so on to hundreds Relationship Roman numerals One hundred more, one hundred less Approximate, approximately Round, nearest, round to the nearest ten, hundred Round up, round down	Column addition and subtraction	Product Multiples of four, eight, fifty and one hundred Scale up Factor of Remainder	Leap year Twelve-hour/twenty-four-hour clock Divisions (measuring scale) Approximately Millimetre, kilometre, mile Distance apart...between....to....from Perimeter Centigrade Century Calendar Earliest Latest a.m / p.m. 12 / 24 hour clock time	Greater/less than ninety degrees Orientation (same orientation, different orientation) Compass point North, south, east, West N,S,E,W Horizontal, vertical, diagonal Angle is a greater / smaller angle than Acute Obtuse	perpendicular and parallel lines perimeter Pentagonal Hexagonal Octagonal Quadrilateral Right- angles Hemisphere Prism Triangular prism	Numerator, denominator Unit fraction, non-unit fraction Compare and order Tenths Sixths, sevenths, eights, tenths.....	Chart, bar chart, frequency table, Carroll diagram, Venn diagram Axis, axes Diagram

New maths vocabulary for Year 3 (Many overlaps with previous years- red vocab is new for Year 3)

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listen join in say recite think imagine remember start from start with	start at look at point to show me put place fit arrange rearrange	change change over split separate carry on continue repeat what comes next? Predict	describe the pattern describe the rule find find all find different investigate choose decide	collect use make build tell me describe name pick out discuss	talk about explain explain your method explain how you got your answer give an example of... show how you... show your working	read write record write in figures
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New maths vocabulary for Year 4

Number and place value	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Data / Statistics
Tenths, hundredths, hundred thousand, million Decimal (places) Round (to nearest) Thousand more/less than Negative integers Integer Negative numbers Count through zero Count in sixes, sevens, nines, twenty fives Next, consecutive Roman numerals	Multiplication facts (up to 12x12) Division facts Inverse Derive Cube Cubed	Convert Unit, standard unit Metric unit Breadth Edge Area Covers Square cm Mass: big, bigger / small, smaller Weight: heavy / light, heavier / lighter/ heaviest / lightest Measuring cylinder Leap year, millennium	Coordinates Translate, Translation Rotate, rotation degree Quadrant x-axis, y-axis Perimeter and area North-east, north-west, south-east, south-west,	Quadrilaterals Equilateral, isosceles and scalene Triangles Right angle, acute and obtuse angles Line Construct Angle Sketch Centre Square- based Reflect	Equivalent decimals and fractions, hundredths Decimal Decimal fraction, decimal point, decimal place, Decimal equivalent	Continuous data Line graph Survey Questionnaire
						General/problem solving

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		Noon, date of birth Timetable, arrive, depart	NE, NW, SE, SW	Reflection Regular, irregular 2-D Oblong Heptagon Parallelogram, rhombus, trapezium Polygon Spherical Cylindrical Tetrahedron Polyhedron	Proportion	Justify Make a statement
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New maths vocabulary for Year 4 (Many overlaps with previous years- red vocab is new for Year 4)

listen join in say recite think imagine remember start from start with start at look at point to show me	put place arrange rearrange change change over split separate carry on continue repeat what comes next? describe the pattern	Predict describe the rule find find all find different investigate choose decide collect use make build construct tell me	describe name pick out discuss talk about explain explain your method explain how you got your answer give an example of... show how you... show your working justify make a statement read	write record write in figures present represent interpret trace copy complete finish end fill in shade colour	label plot tick cross draw sketch draw a line between join (up) ring arrow cost count tally	calculate work out solve investigate question answer check
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New maths vocabulary for Year 5

Number and place value	Addition and subtraction	Multiplication and division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions, Decimals and Percentages	Data/statistics
Powers of 10 Formula Greater than / less than \geq and \leq Divisibility Square number Prime number Ascending order Descending order Ten thousand	Efficient written method Ones boundary Tenths boundary	Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method	Volume Imperial units, metric units Square metre, square millimetre Pint, gallon Discount, currency	Reflex angle Dimensions Radius Diameter Congruent Axis of symmetry Reflective symmetry x-axis, y-axis, quadrant octahedron	Regular and irregular Polygons	Proper fractions, improper fractions, mixed numbers Percentage Half, quarter, fifth, two fifths, four fifths Ratio, proportion Equivalent, reduced to, cancel In every, for every Percentage, per cent %	Database Bar line chart Line graph Maximum / minimum value Outcome

New maths vocabulary for Year 5 (Many overlaps with previous years- red vocab is new for Year 5)

listen join in say recite think imagine remember start from start with start at look at point to	place arrange rearrange change change over split separate carry on continue repeat what comes next? predict	find find all find different investigate choose decide collect use make build construct	bisect tell me describe name pick out identify discuss talk about explain explain your method/answer/reasoning give an example of...	show your working justify make a statement read write record write in figures present represent interpret trace copy	complete finish end fill in shade colour label plot tick cross draw sketch	question answer check join (up) ring arrow cost count tally calculate work out solve
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show me put	describe the pattern describe the rule		show how you...		draw a line between	convert investigate
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New maths vocabulary for Year 6

Number and place value	Addition and subtraction	Multiplication and division	Geometry (position and direction)	Measures	Geometry (properties of shape)	Fractions, decimals and percentages	Algebra	Data/statistics
Numbers to ten million	Order of operations	Order of operations Common factors, common multiples Factorise Prime factor Digit total	Four quadrants (for coordinates)	Yard, foot, feet, inch, inches Tonne, pound, ounce Centilitre, Cubic cm Cubic m Cubic mm Cubic km GMT (Greenwich Mean time) BST (British Summer time) IDL (International date line) Profit, loss	Vertically opposite (angles) Circumference, radius, diameter Concentric, arc, Intersecting, intersection Dodecahedron Reflex	Degree of accuracy Simplify Ratio	Linear number sequence Substitute Variables Symbol Known values	Mean (mode, median, range as estimate for this) Pie chart Construct Distribution

New maths vocabulary for Year 6 (Many overlaps with previous years- red vocab is new for Year 6)

listen join in say recite think imagine	arrange rearrange change change over adjusting adjust	Predict describe the pattern describe the rule find find all find different	make build construct bisect tell me define	explain your method/answer/reasoning give an example of... show how you... show your working justify	represent interpret express trace copy complete	tick cross draw sketch draw a line between	solve convert investigate interrogate (data) question prove
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remember start from start with start at look at point to show me put place	split separate carry on continue repeat what comes next?	investigate choose decide collect use	describe name pick out identify discuss talk about explain	make a statement read write record write in figures present	finish end fill in shade colour label plot	join (up) ring arrow cost count tally calculate work out	answer check
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