Alverton Vocabulary Progression in Maths

	EYFS Links	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value		Greater, lesser Pair Units, ones, tens Ten more/less Figure (s) In order/ A different order Above, below	Numbers to one hundred Hundreds Partition, recombine Hundred more/less	Numbers to one thousand	Tenths, hundredths Decimal (places) Round (to nearest) Thousand more/less than Negative integers Count through zero Roman numerals (I to C)	Powers of 10	Numbers to ten million
Addition and Subtraction		Number bonds Inverse Near doubles Difference between How many fewer is…than…? How much less is…?		Column addition and subtraction		Efficient written method	Order of operations

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Multiplication and Division		Once, twice, three times. Five times. Count in tens (forwards from/ backwards from) How many times? Lots of, groups of Multiple of, times, multiply, multiply by Repeated addition Array, row, column Group in twos, threes, etc Divided by, left, left over		Product Multiples of four, eight, fifty and one hundred Scale up	Multiplication facts (up to 12x12) Division facts Inverse Derive	Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method	Order of operations Common factors, common multiples
Fractions		Equal parts, four equal parts Two halves A quarter, two quarters	Three quarters, one third, a third Equivalence, equivalent	Numerator, denominator Unit fraction, non-unit fraction Compare and order Tenths	Equivalent decimals and fractions	Proper fractions, improper fractions, mixed numbers Percentage Half, quarter, fifth, two fifths, four fifths Common denominator Ratio, proportion	Degree of accuracy Simplify

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| Measures | | | Midnight
Now, soon, early, late
Quick, quicker, quickly, fast, slow, slower
Old, older, oldest, new, newer, newest
Takes longer, takes less time
Hour, o'clock, half past
Watch, 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
Close to, about the same as, just over, just under
Enough, not enough
Width, depth
Long, short, tall, high | Quarter past/to
m/km, g/kg, ml/l
Temperature (degrees) | Leap year
Twelve hour/twenty-four hour clock
Roman numerals I to XIII | Convert | Volume
Imperial units, metric units | |

		Low, wide, narrow, deep, shallow, thick, thin Far, near, close Metre, ruler, metre stick Costs more, costs less, dear(er), cheaper, costs the same as					
Geometry – Position and Direction		Position Around Opposite Apart Between, edge, centre Corner Direction Journey Left, right Across Near Along To, from Movement Whole turn, half turn	Rotation Clockwise, anticlockwise Straight line Ninety degree turn, right angle	Greater/less than ninety degrees Orientation (same orientation, different orientation)	Coordinates Translation Quadrant x-axis, y-axis Perimeter and area	Reflex angle Dimensions	Four quadrants (for coordinates)

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Geometry – Shape		Group Hollow Point, pointed Edge	Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern	Horizontal, vertical, perpendicular and parallel lines	Quadrilaterals Triangles Right angle, acute and obtuse angles	Regular and irregular Polygons	Vertically opposite (angles) Circumference, radius, diameter
Statistics			Count, tally, sort Vote Graph, block graph, pictogram, Represent Group, set, list, table Label, title Most popular, most common, least popular, least common	Chart, bar chart, frequency table, Carroll diagram, Venn diagram Axis, axes Diagram	Continuous data Line graph		Mean Pie chart Construct

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Problem Solving		Place, fit Arrange, rearrange Change, change over Split, separate Carry on, continue, repeat Choose, collect Record, trace, copy, complete, finish, end Fill in, shade, colour, cross, draw, draw a line between, join (up), arrow Answer, check, same number(s), different number(s), missing number(s) Number facts Abacus, rods Best way, another way	Predict Describe the pattern, describe the rule Find, find all, find different Investigate				
Algebra							Linear number sequence Substitute Variables Symbol Known values