



Rattlesden C of E Primary Academy Believe Embrace Shine Together
 'I can do all things through Christ who strengthens me.' Philippians 4:13

Vocabulary Progression - Maths

EYFS	Year 1	Year 2
General and reasoning and problem solving		
Pattern Puzzle What could we try next? How did you work it out? Recognise, describe, draw Compare, sort Look at, point to I wonder...	As EYFS and: Listen, join in Say, think, imagine, remember Start from, start with, start at 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, show me Read, write, record, trace, copy, complete, finish, end Fill in, shade, colour, tick, cross, draw, draw a line between, join (up), ring, arrow Count, work out, answer, check Same number(s)/different number(s)/missing number(s) Number facts, number line, number track, number square, number cards Abacus, counters, cubes, blocks, rods, die, dice, dominoes, pegs, peg board Same way, different way, best way, another way In order, in a different order Not all, every, each Predict Describe the pattern, describe the rule Find, find all, find different Investigate	

Number and Place Value

Zero
 Number
 One, two, three...to twenty and beyond
 Teens, even 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

Place Value

Ones
 Tens
 Digit
 The same number as, as many
 as
 More, larger, bigger, greater
 Fewer, smaller, less
 Fewest, smallest, least
 Most, biggest, greatest
 One more, ten more
 One less, ten less
 Compare
 Order
 Size

As EYFS and:

Number
 Zero, one, two, three to twenty, and beyond
 None
 Count (on/up/to/from/down)
 Before, after
 More, less, many, few, fewer, least, fewest,
 smallest, greater, lesser
 Equal to, the same as
 Odd, even
 Pair
 Ones, tens
 Ten more/less
 Digit
 Numeral
 Figure(s)
 Compare
 (In) order/a different order
 Size
 Value
 Between, halfway between
 Above, below

As previous year and:

Numbers to one hundred
 Hundreds
 Partition, recombine
 Hundred more/less

<p>First, second, third...twentieth Last, last but one before , after Next between</p>		
Estimating		
<p>Guess How many...? Estimate Nearly Close to About the same as Just over, just under Too many, too few Enough, not enough</p>	As EYFS	As EYFS
Number - addition and subtraction		
<p>Add, more, and Make, sum, total Altogether Double One more, two more...ten more How many more</p>	<p>As EYFS and: Number bonds, number line Add, 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..? How much more is..? Subtract, take away, minus How many fewer is...than..? How much less is..?</p>	<p>As EYFS and: Addition One more, two more ... ten more ... one hundred more How many are left/left over? How many have gone? One less, two less, ten less ... one hundred less Equals Bonds/pairs/facts Tens boundary</p>

Number - multiplication and division

Sharing
Doubling
Halving
Number patterns

As EYFS and:
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
Multiple of, times, multiply, multiply by
Repeated addition
Array, row, column
Double, halve
Share, share equally
Group in pairs, threes, etc.
Equal groups of
Divide, divided by, left, left over

As previous years and:
Multiplication, multiply multiplied by multiple
Groups of
Times
Once, twice, three times ... ten times
Division, dividing, divided into
Grouping
Sharing, share, share equally
Left, left over
One each, two each, three each ... ten each
Group in pairs, threes ... tens
Equal groups of
Doubling
Halving
Array
Row, column
Number patterns
Multiplication table
Multiplication fact, division fact

Number - fractions

As EYFS and:
Whole
Equal parts, four equal parts
One half, two halves
A quarter, two quarters

As previous years and:
Three quarters, one third, a third
Equivalence, equivalent

Measurement

<p style="text-align: center;">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</p> <p style="text-align: center;">Length 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</p> <p style="text-align: center;">Weight Weigh, weighs, balances Heavy, light Heavier than, lighter than Heaviest, lightest Scales</p>	<p>As EYFS and: Full, half full, empty Holds Container Weigh, weighs, balances Heavy, heavier, heaviest, light, lighter, lightest Scales Time Days of the week: Monday, Tuesday, etc. Seasons: spring, summer, autumn, winter Day, week, month, year, weekend Birthday, holiday Morning, afternoon, evening, night, midnight Bedtime, dinnertime, playtime Today, yesterday, tomorrow Before, after Next, last Now, soon, early, late 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 Clock, 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</p>	<p>As previous years and: Quarter past/to m/km, g/kg, ml/l Temperature (degrees)</p>
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<p>Capacity and volume</p> <p>Full</p> <p>Empty</p> <p>Half full</p> <p>Holds</p> <p>Container</p> <p>Time</p> <p>Days of the week, Monday, Tuesday ... day, week</p> <p>Birthday, holiday</p> <p>Morning, afternoon, evening, night</p> <p>Bedtime, dinner time, playtime</p> <p>Today, yesterday, tomorrow</p> <p>Before, after</p> <p>Next, last</p> <p>Now, soon, early, late</p> <p>Quick, quicker, quickest, quickly</p> <p>Slow, slower, slowest, slowly</p> <p>Old, older, oldest</p> <p>New, newer, newest</p> <p>Takes longer, takes less time</p> <p>Hour, o'clock</p> <p>Clock, watch, hands</p> <p>Money</p> <p>Coin</p> <p>Penny, pence, pound</p> <p>Price, cost</p> <p>buy, sell</p> <p>Spend, spent</p> <p>pay</p>	<p>First, second, third, etc.</p> <p>Estimate, close to, about the same as, just over, just under</p> <p>Too many, too few, not enough, enough</p> <p>Length, width, height, depth</p> <p>Long, longer, longest, short, shorter, shortest, tall, taller, tallest, high, higher, highest</p> <p>Low, wide, narrow, deep, shallow, thick, thin</p> <p>Far, near, close</p> <p>Metre, ruler, metre stick</p> <p>Money, coin, penny, pence, pound, price, cost, buy, sell, spend, spent, pay, change, dear(er), costs more, costs less, cheaper, costs the same as</p> <p>How much? How many?</p> <p>Total</p>	
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Geometry- Properties of shape		
Shape, pattern Flat Curved, straight Round Hollow, solid Sort Make, build, draw Size Bigger, larger, smaller Symmetrical Pattern, repeating pattern Match 2-D Shape Corner, side Rectangle (including square) Circle Triangle 3-D Shape Face, edge, vertex, vertices Cube Pyramid Sphere Cone	As EYFS and: 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	As previous years and: Size Bigger, larger, smaller Symmetrical, line of symmetry Fold Match Mirror line, reflection Pattern, repeating pattern
Geometry - position and direction		
Position Over, under	As EYFS and: Position	As Previous years and: Rotation

<p>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, to, from, towards, away from Movement Slide Roll Turn Stretch, bend Whole turn, half turn</p>	<p>Over, under, underneath, above, below, top, bottom, side on, in, outside, inside around, in front, behind Front, back Before, after Beside, next to, Opposite Apart Between, middle, edge, centre Corner Direction Journey Left, right, up, down, forwards, backwards, sideways Across Close, far, near Along, through To, from, towards, away from Movement Slide, roll, turn, whole turn, half turn Stretch, bend</p>	<p>Clockwise, anticlockwise Straight line Ninety degree turn, right angle</p>
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Statistics		
Count, sort Group, set list	As EYFS:	As previous years and: Count, tally, sort Vote Graph, block graph, pictogram, Represent Group, set, list, table Label, title Most popular, most common, least popular, least common

Year 3	Year 4	Year 5	Year 6
General, reasoning and problem solving			
As previous years and: Problem, problem-solving Mental, mentally What could we try next? How did you work it out? Show how you ... Explain your thinking/method Describe the pattern/rule Investigate Recognise mental calculation, written calculation prove		As previous years and: explain your reasoning justify make a statement	
Number and place value			

Numbers to one thousand	As EYFS and: Tenths, hundredths Decimal (places) Round (to nearest) Thousand more/less than Negative integers Count through zero Roman numerals (I to C)	As EYFS and: Powers of 10	As EYFS and: Numbers to ten million
Number - addition and subtraction			
Column addition and subtraction Exchange Regroup	As EYFS:	As previous years and: Efficient written method	As previous years and: Order of operations
Number - multiplication and division			
Product Multiples of four, eight, fifty and one hundred Scale up	As EYFS and: Multiplication facts (up to 12x12) Division facts Inverse Derive	As previous years: Factor pairs Composite numbers, prime number, prime factors, square number, cubed number Formal written method	As previous years and: Order of operations Common factors, common multiples
Number - fractions, decimals and percentages			
Numerator, denominator Unit fraction, non-unit fraction Compare and order Tenths	As EYFS and: Equivalent decimals and fractions	As previous years and: Proper fractions, improper fractions, mixed numbers Percentage Half, quarter, fifth, two fifths, four fifths Ratio Proportion	As previous years and: Degree of accuracy Simplify

Measurement			
Leap year Twelve-hour/twenty-four- hour clock Roman numerals I to XIII	As EYFS and: Convert	As previous years and: Volume Imperial units, metric units	As previous years:
Geometry - shape			
Greater/less than ninety degrees Orientation (same orientation, different orientation)	As EYFS and: Quadrilaterals Triangles Right angle, acute and obtuse angles	As previous years and: Regular and irregular Polygons	As previous years and: Vertically opposite (angles) Circumference Radius Diameter
Geometry - position and direction			
Horizontal, perpendicular and parallel lines	As EYFS and: Coordinates Translation Quadrant X-axis Y-axis Perimeter and area	As previous years and: Reflex angle Dimensions	As previous years and: Four quadrants (for coordinates)
Statistics			
Chart, bar chart, frequency table, Carroll diagram, Venn diagram Axis, axes Diagram	As EYFS and: Continuous data Line graph	As previous years and: Survey, questionnaire, data, Database Carroll diagram, Venn diagram Line graph Label, title, axis, axes Diagram Most popular, most common Least popular, least common	As previous years and: Mean Pie chart Construct Mean, mode, median, range Statistics, Distribution

		Maximum/minimum value Outcome	
Alegbra			
No coverage in yr 3	No coverage in yr 4	No coverage in yr 5	Formula, formulae Linear number sequence Substitute Variables Symbol Known values