



Autumn Term - Y6	Spring Term - Y6	Summer Term - Y6
To know how to read and write numbers to 10,000,000, round, and use negative numbers. To know factors, multiples, prime, square, and cube numbers. To know how to use four operations with fractions, find equivalent fractions, and simplify. To know metric and imperial units.	To know how to use scale factors and proportions. To know how to use function machines, substitution and formulae. To know how to use the four operations with decimals, rounding, and use numbers to 3 decimal places. To know how to find equivalence and order fractions, decimals & percentages.	To know how to find the area of quadrilaterals and triangles, and volume of cuboids. To know how to draw and interpret line graphs, bar charts, pie charts, and find the mean average. To know how to identify angles in triangles, regular polygons & special quadrilaterals, and make nets of 3D shapes. To know what the four quadrants are, and how to translate and reflect.

Year 6 Vocabulary

Millions, ten millions, multi-digit numbers, long division, relative size, percentages, scale factor, formulae, number sequences, algebraically, equation, unknown, combinations, variables, conversion, miles, feet, cubic metre, cubic millimetre, cubic kilometre, gallons, stones, ounces, radius, diameter, circumference dimensions, four quadrants, co-ordinate, pie chart, mean



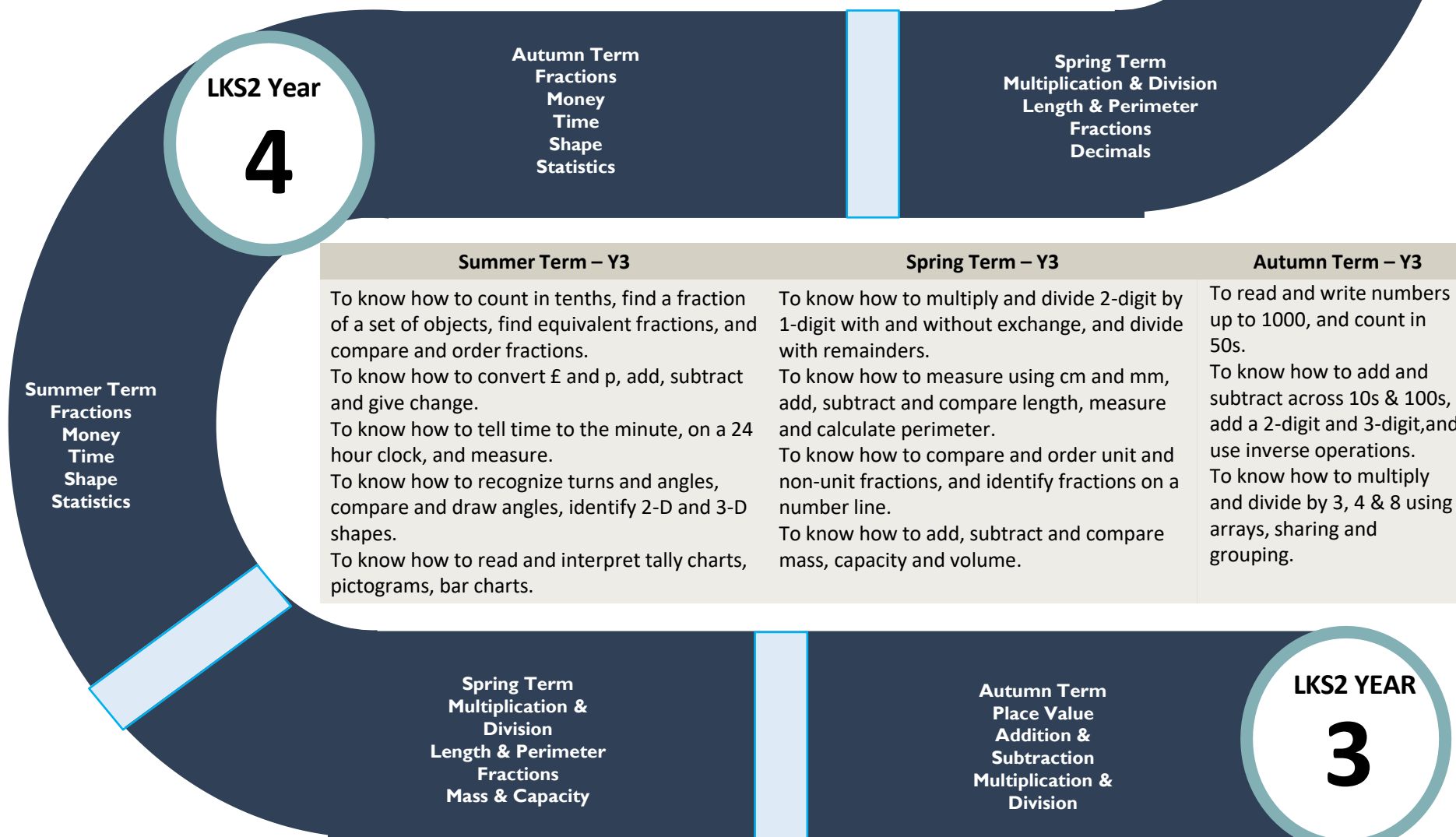
Year 5 Vocabulary

Negative numbers, ten thousands, one hundred thousands, powers of, integer, multiples, factors, prime numbers, square numbers, cube numbers, short division, product, dividend, divisor, quotient, fifth, thousandths, per cent %, complements, decimal notation, scaling, metric units, imperial units, inches, compound shape, irregular shapes, square centimetres, square metres, cubic centimetres, pounds, pints, regular polygon, irregular polygon, reflex angles, degrees, one whole turn, angles on a straight line, angles around a point, reflection, timetable

Autumn Term - Y4	Spring Term - Y4	Summer Term - Y4
To know how to read and write numbers up to 10,000, and use Roman numerals. To know how to add and subtract two 4-digit numbers with and without exchanging. To know how to count squares to calculate area and compare. To know how to multiply and divide up to 12, and multiply three numbers.	To know factor pairs, multiply and divide by 10 & 100, and multiply and divide 3-digit by 1-digit. To know how to measure in metric units, find the perimeter of rectilinear shapes and regular polygons. To know how to convert between mixed and improper fractions, and add and subtract fractions. To know how to use tenths and hundredths as decimals, and divide by 10 & 100.	To know how to compare, order & round decimals. To know how to use pounds and pence, add and subtract money, and give change. To know how to tell time to the minute, on a 24 hour clock, and convert analogue to digital. To know how to recognise turns and angles, lines of symmetry, compare and order angles, and describe movement on a grid. To know how to interpret charts and line graphs.

Year 4 Vocabulary

Roman numerals, 1000 more, 1000 less, thousands, round, 4-digit number, operations, methods factor pairs, formal written method, remainders, decimal equivalence, hundredths, convert, proper fractions, improper fractions, mixed numbers, decimal point, kilometres km, rectilinear, area, convert, isosceles, equilateral, scalene, trapezium, rhombus, parallelogram, kite, geometric shapes, quadrilaterals, coordinates, first quadrant, grid, scale, translation, plot, polygon, axis, time graph, line graph, comparison, calculate, interpret



Year 3 Vocabulary

Ascending, descending, 10 or 100 more, 10 or 100 less, hundreds, column addition, column subtraction, exchange, estimate, tenths, millimetre mm, perimeter, analogue clock, Roman numerals, 12-hour clock, 24-hour clock, am, pm, noon, midnight, leap year, digital, right-angle triangle, heptagon, octagon, polygon, properties, prism, orientations, angles, acute, obtuse, turn, right angles, half turn, three-quarters of a turn, greater than right angle, less than right angle, horizontal lines, vertical lines, perpendicular lines, parallel lines, table, bar chart, two-way tables

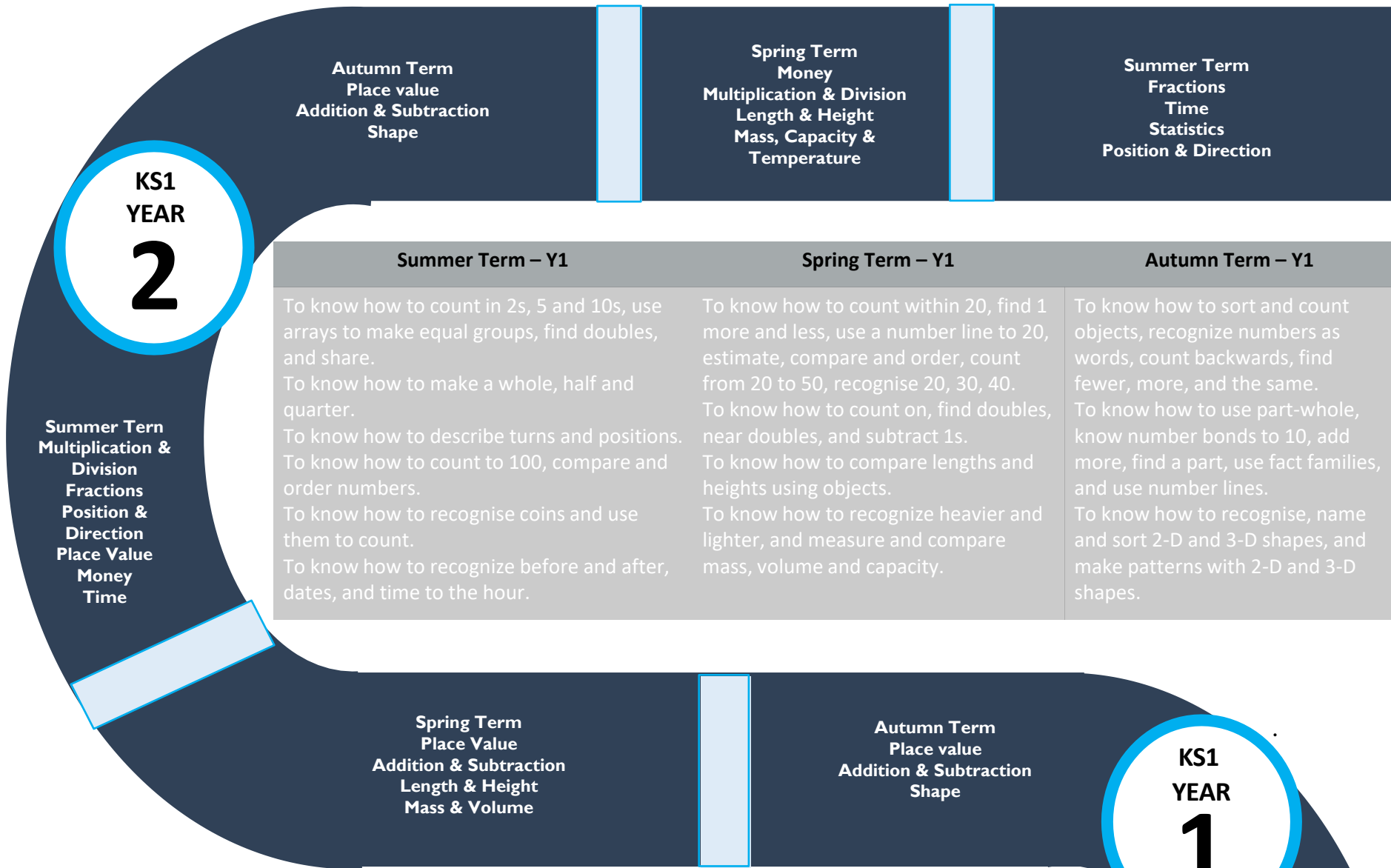
Maths Aim: We aim to develop pupils as mathematical thinkers and give them the confidence to reason and apply their maths to a wide variety of contexts.



Autumn Term – Y2	Spring Term – Y2	Summer Term – Y2
To read and write numbers to 100, count in 10s, estimate on a number line, and count in 2s, 3s, 5s and 10s. To know how to add and subtract across 10, add and subtract 1s and 10s, add and subtract 2-digits. To know how to recognise and sort 2-D and 3-D shapes, count faces, edges and vertices on 3-D shapes.	To know how to count in pounds and pence, compare amounts of money and calculate with them. To know how to find equal groups, use arrays, double and half, odd and even, multiply and divide by 2, 10 & 5. To know how to measure in cm and m, compare measurements, and use all four operations. To know how to compare, use g, kg, ml, l, four operations.	To know how to make equal parts, half, quarter, third, identify and use unit and non-unit fractions, find equivalent fractions, and count in fractions. To know O'clock, half hour, half past, quarter past and to, tell time to 5 minutes, use hours and days. To know how to make, draw and interpret tally charts and pictograms. To know how to describe position, movement and turns, and make patterns with shapes.

Year 2 Vocabulary

Place value, estimate, compare, sum, 3-digit number, commutative, multiplication tables, repeated addition, multiplication, division, three-quarters, third, equivalent fractions, unit fractions, non-unit fractions, numerator, denominator, one whole, standard units, estimate, order, record results, centimetre cm, metre m, kilogram kg, gram g, quarter full, three-quarters full, litres l, millilitres ml, temperature, Celsius, intervals of time, quarter to/past, duration, value, change, pentagon, hexagon, line of symmetry, properties, cylinder, edges, vertices, vertex, clockwise, anti-clockwise, straight line, rotation, arrange, sequences, pictograms, tally chart, block diagram, category, sorting, totalling, comparing, horizontal, vertical



Autumn Term	Spring Term	Summer Term
Place value Addition & Subtraction Shape	Money Multiplication & Division Length & Height Mass, Capacity & Temperature	Fractions Time Statistics Position & Direction

Summer Term – Y1	Spring Term – Y1	Autumn Term – Y1
To know how to count in 2s, 5 and 10s, use arrays to make equal groups, find doubles, and share. To know how to make a whole, half and quarter. To know how to describe turns and positions. To know how to count to 100, compare and order numbers. To know how to recognise coins and use them to count. To know how to recognize before and after, dates, and time to the hour.	To know how to count within 20, find 1 more and less, use a number line to 20, estimate, compare and order, count from 20 to 50, recognise 20, 30, 40. To know how to count on, find doubles, near doubles, and subtract 1s. To know how to compare lengths and heights using objects. To know how to recognize heavier and lighter, and measure and compare mass, volume and capacity.	To know how to sort and count objects, recognize numbers as words, count backwards, find fewer, more, and the same. To know how to use part-whole, know number bonds to 10, add more, find a part, use fact families, and use number lines. To know how to recognise, name and sort 2-D and 3-D shapes, and make patterns with 2-D and 3-D shapes.

Year 1 Vocabulary

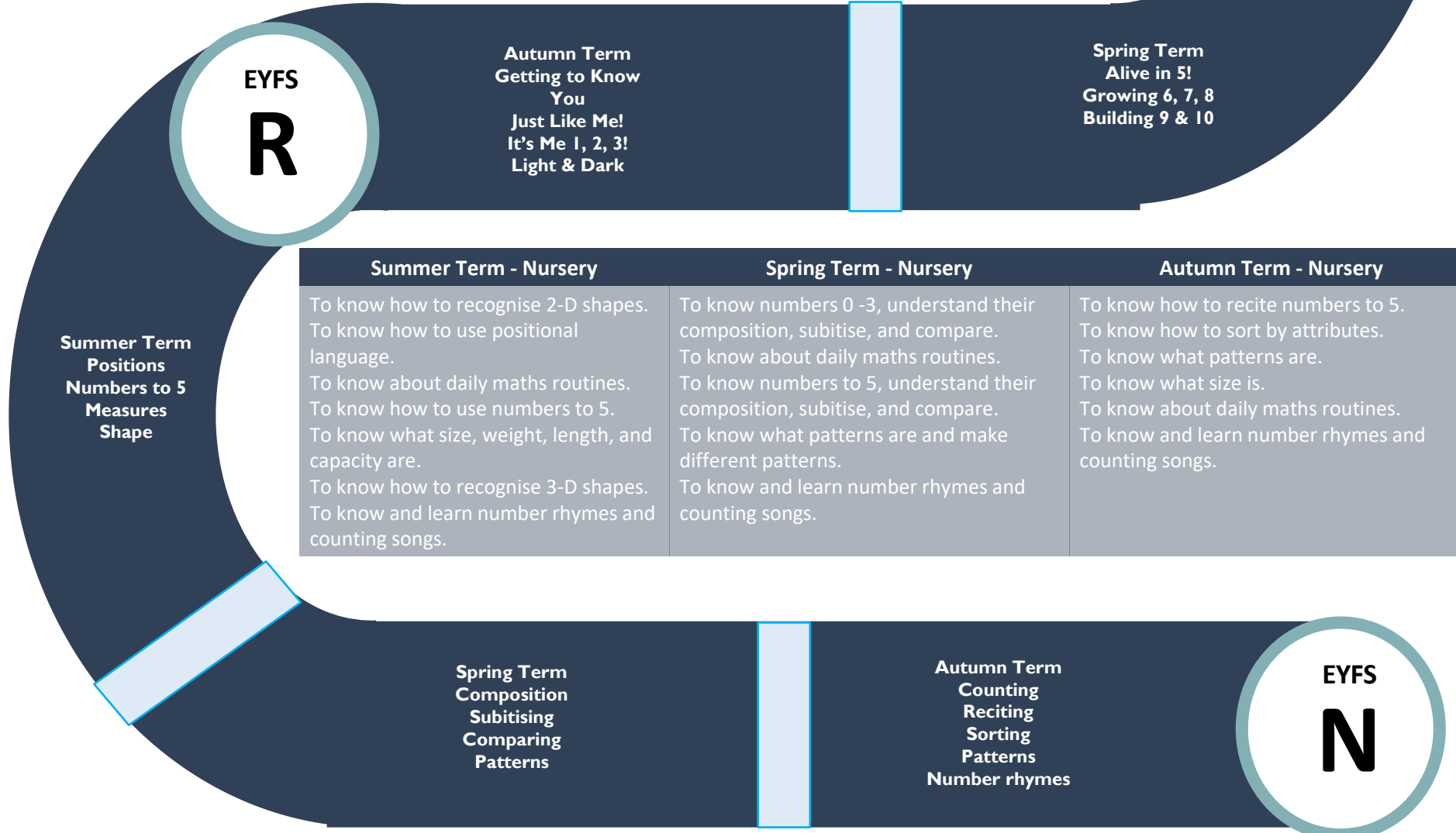
Sort, represent, partitioning, ones, tens, addition, subtraction, difference, equals, fact families, 2-digit number, inverse, arrays, left, right, forwards, backwards, above, below, whole, half, quarter, equal parts, compare, mass, volume, chronological order, days of the week, months of the year, month, year, o'clock, half past, second, money, coins, notes, pounds £, pence p, sides, corners, properties, pyramids, faces, position, direction, movement, whole turn, quarter turn, half turn, three-quarter turn

Autumn Term - EYFS	Spring Term - EYFS	Summer Term - EYFS
To know how to match and sort, compare amounts, compare size, mass, and capacity, and explore pattern. To know how to represent and compare 1, 2 and 3, identify the composition of 1, 2, and 3, understand what circles and triangles are, and use positional language. To know how to represent numbers to 5, find 1 more and less, identify shapes with 4 sides, and use time.	To know how to use 0, compare numbers to 5, identify the composition of 4 and 5, and compare mass and capacity. To know 6, 7, and 8, combine two amounts, make pairs, use length and height, and recognise time. To know how to count to 9 and 10, compare numbers to 10, find bonds to 10, use 3-D shapes, spatial awareness, and find patterns.	To know how to build and count numbers beyond 10, use spatial reasoning, match, rotate and manipulate. To know how to add more, take away, compose and decompose. To know how to double, share, group, find even, odd, visualize and build. To know how to deepen understanding, and spatial mapping.

Summer Term
To 20 and Beyond
First, Then, Now
Find My Pattern
On the Move

Reception Vocabulary

Count, subitise, order, compare, forwards, backwards, numerals, digit, one more, one less, equal to, more than, less than, add, plus, altogether, total, take away, number bonds, part, whole, digit, double, half, twice as many, equal, unequal, share, group, odd, even, measure, wider, narrower, longer, shorter, length, height, taller, weight, capacity, heavy, light, big, full, empty, half full, time, quicker, slower, earlier, later, before, after, first, next, today, yesterday, tomorrow, morning, afternoon, evening, day, week, hour, minutes, 2-D shapes, rectangle, square, circle, triangle, 3-D, cuboids, cubes, cone, spheres, curved, straight, flat, over, under, between, around, through, on, into, next to, behind, beneath, repeat, patterns



Summer Term - Nursery	Spring Term - Nursery	Autumn Term - Nursery
To know how to recognise 2-D shapes. To know how to use positional language. To know about daily maths routines. To know how to use numbers to 5. To know what size, weight, length, and capacity are. To know how to recognise 3-D shapes. To know and learn number rhymes and counting songs.	To know numbers 0 -3, understand their composition, subitise, and compare. To know about daily maths routines. To know numbers to 5, understand their composition, subitise, and compare. To know what patterns are and make different patterns. To know and learn number rhymes and counting songs.	To know how to recite numbers to 5. To know how to sort by attributes. To know what patterns are. To know what size is. To know about daily maths routines. To know and learn number rhymes and counting songs.

Spring Term
Composition
Subitising
Comparing
Patterns

Autumn Term
Counting
Reciting
Sorting
Patterns
Number rhymes

EYFS
N

Nursery Vocabulary

Count, subitise, compare, numbers, one, two, three, four, five, add, subtract, take away, equals, more, less, fewer, empty, full, measure, light, heavy, big, bigger, small, smaller, longer, shorter, tall, forwards, backwards, left, right, shape, 2-D, 3-D

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