

	Reception	Year 1 <u>NCETM/CP/Oak/WR links</u>	Year 2 <u>NCETM/CP/Oak/WR links</u>	Year 3 <u>NCETM/CP/Oak/WR links</u>	Year 4 <u>NCETM/CP/Oak/WR links</u>	Year 5 <u>NCETM/CP/Oak/WR links</u>	Year 6 <u>NCETM/CP/Oak/WR links</u>
Aut 1	Ordering, reading, writing and understanding numbers to 5 Names and properties of 2d shapes	Previous Reception Experiences and counting within 100 Count (out, on, back), one to ten, forwards, backwards, altogether, number (word), group, how many, represent, subitise, amount, same, none, some, numeral, zero, 1 st , 2 nd , 3 rd , 4 th , 5 th , smallest/largest, greater than/less than, more than/fewer than, equal to, compare, one more than, next number, one less than, one fewer than, number before, order, the same as, decade numbers, separate, row, pattern, (cross the) tens boundary, after, between, strategy	Numbers 10-100 Multiple, expression, dual counting, digit, unitising, two-digit number, previous, Calculations within 20 Addends, bridging 10, pictogram, bar chart, interpret	Adding and Subtracting across 10 Minuend, subtrahend Numbers to 1000 Compose, decompose, complement to 100, bridging 100 (boundary), 3 digit number, place value	Review of column addition and subtraction Numbers to 10,000 Thousand, kilometre, millimetre, rounding, counting in multiples	Decimal fractions Tenths/hundredths/thousandths (column), decimal point/number, ascending/descending Money Notation, inequality symbol	Calculating using knowledge of structures Solution, decimal fractions, equivalence, compensation, budget, constant, Multiples of 1,000 Comma, gridlines
Aut 2	Numbers and counting Money and counting Time Understanding more than/fewer than	Comparison of quantities and part-whole relationships Taller than, longer, than/shorter than, further, less far, heavier than/lighter than, capacity, different, number line, whole/not whole, all of it, part, split/combine, whole group, partition, Numbers 0-5 Ordinal number, cardinal number, combination, working systematically, table, missing part, bar model Recognise 2D and 3D shapes (Pattern) blocks, picture, rotate, repeating pattern, extend, unit of repeat, radiating patterns, middle, outside, tangram, triangle, square, arrangement, tetromino, pentomino, flip, cube, similar, cone, sphere, cylinder, cuboid, pyramid, curved (surface), (square, rectangular, circular, triangular)	Fluently add and subtract within 10 Regroup Addition and subtractions of two-digit numbers Recombine, data Intro to multiplication Equal/unequal, repeated addition, multiplication, product, multiplication equation, factor, 2/5/10 times table	Numbers to 1000 Convert, column, row, graph, axis, interpret, position, unmarked, known/number facts	Perimeter Regular/irregular polygon, interior angles, perimeter 3, 6, 9 times tables Digit sum, adjacent multiple, array, operation	Negative Numbers Positive/negative change, negative number, elevation, quadrant Short multiplication and division Expanded multiplication, short multiplication, partial quotient, short division,	Numbers up to 10,000,000 Powers of 10, million, separator comma, sequence, term, critical, precise, Draw, compose and decompose shapes Net, parallelogram, congruent

		face, circle, rectangle, sides, vertices, centre, straight,					
Spr 1	Numbers and counting Ordering, reading writing and understanding numbers to 10 Length, height capacity	Compose, decompose and manipulate 2D and 3D shapes See Aut 2 Numbers 0-10 Number name, 'five and a bit', part-part-whole model, estimate, midpoint, pair, even, odd, skip count, systematic	Intro to multiplication Related, tally Intro to division structures Division, share	Right angles Angle, fixed point, right angle, property(ies), diagonal, at a point Manipulating the additive relationship and securing mental calculation Adjust, redistribute, rearrange, reorder	7 times table and patterns Distributive law, square number, square array, divisibility rules Understanding and manipulating multiplicative relationships Common multiples/factors, partial product	Area and scaling Tessellate, area, square units, rectilinear, square centimetres/metres, times the length/height/depth, times the mass/capacity/volume, multiplicative Calculating with decimal fractions Decimetre	Multiplication and Division Associative law, long division Area, perimeter, position and direction Base, scale factor
Spr 2	Numbers and counting Addition and Subtraction 3d Shapes and their properties Pattern Time	Additive structures Plus, equals symbol, equation, subtract, minus sign, known/unknown part, addition, then, now, increase, decrease, inverse Addition and subtraction facts within 10 Addend, sum, commutative, difference, consecutive, two more/less, double/doubling, half/halving, near double, strategies, visualise, calculate, check	Shape Polygon, two/three dimensional, quadrilateral, pentagon, hexagon, octagon, line of symmetry, reflection, symmetrical, larger/smaller, prism, edges Addition and subtraction of two-digit numbers	Column addition Column addition 2, 4, 8 times tables Adjacent, scaling Column subtraction Column subtraction, mental strategy	Understanding and manipulating multiplicative relationships Placeholder, magnitude Coordinates Grid, horizontal, vertical, translation, origin, coordinate, x/y-axis	Calculating with decimal fractions Factors, multiples and primes Space, cubic centimetre, cubic metre, cube number, compound shape, deduce, associative, prime/composite number, prime factor, classify	Fractions and percentages Related/non-related fractions, percent(age)
Sum 1	Numbers and counting Ordering, reading, writing and understanding numbers to 20. Estimation Addition and subtraction	Numbers 0-20 Teen numbers, length, height, longest/longer than, shortest/shorter than, tallest, measure, accurate(ly), results, table, centimetre (cm), standard unit, efficient, record, ruler, about, Unitising and coin recognition Twos, groups of 2/5/10, fives, (total) value, one penny/one pence coin, afford, two pence coin (2p), worth, five pence coin (5p), ten pence coin	Money Pound sign, one pound, change Fractions One half, one/two/three quarter(s), one third, fraction, equivalent Time	Unit fractions Inequality, construct, division bar, denominator, numerator, fifth, set, unit fraction, times as much	Review of fractions Fractions greater than 1 Mixed number, composition, integer, improper fraction	Fractions Relationship, equal parts, continuous, proportion, scale up and down, simplest form, simplify	Statistics Pie chart, sector, line graph, variable KS2 Tests

	Positional Language Doubling, halving and sharing		Minutes past/to, quarter past/to, interval Position and Direction Clockwise, anticlockwise, full/half/quarter/three quarter turn, rotation				
Sum 2	Consolidation and Assessment	Unitising and coin recognition Solving problems in a range of contexts Position and Direction Up, down, left, right, above/below, over/under/on, in front/behind, between, turn, whole/half/quarter turn, directions, Time Morning, afternoon, midday, finally, days of the week, week, yesterday, today, tomorrow, month, months of the year, year, clock face, hours, o'clock, hour hand, half past, minute hand	Multiplication and Division – doubling, halving, quotative and partitive Divisor, dividend, quotient, divisible Capacity, Volume, Mass Distance, unit of measure, metres (stick), mass, grams, kilograms, lightest/heaviest, capacity, volume, litre, millilitre, temperature, thermometer, degrees, scale	Non-unit fractions Non-unit fractions, proper fraction, generalisation, additive, substitute Parallel and perpendicular lines in polygons Parallel, isometric, perpendicular, compound Time Roman numerals, am/pm, leap year, seconds	Symmetry in 2D shapes Equilateral/isosceles/scalene/right-angled triangle, mirror line, identical, kite Time 24 hour clock Division with remainders Remainder, divided	Fractions Converting units Metric, imperial, mile, approximate, euro, Angles Acute/obtuse/reflex angle, arc, opposite, protractor	Ratio and proportion Ratio, for every, many to many, double number line Calculating using knowledge of structures Solving problems with two unknowns Coefficient, infinite Order of operations Brackets, order of operations Mean average Mean average, set of data, outlier