

## Year 5 Key Vocabulary: Abacus

Term	Place value	Addition and subtraction	Multiplication and division	Shape and measure	Fractions, decimals, percentages
Autumn 1	Digit, place value, zero, order, compare, less than, more than	Digit, compact, expanded, method, estimate, rounding, palindromic number, systematic, partitioning, mental method, number bonds, Frog method, written method, mental method, strategy, word problem, compact written method, expanded written method  Addition: counting up Subtraction: counting on, counting back, decomposition, column subtraction	Function machine, input, output, method, multiple  Multiplication: multiply, double Division: halve, one quarter, divide	Measure: analogue, digital, time, am, pm, 12-hour clock, 24-hour clock, timetable, minutes, hours, millimetre, centimetre, measure, convert, length, width, ruler, perimeter, metre, convert, change, pounds, pence	Decimals: one tenth, decimal place, decimal point
Autumn 2	Number line, round	Mental strategy, Frog method, rounding  Addition: vertical written addition, place-value addition Subtraction: written subtraction, place-value subtraction, counting back	Divisible, multiple, factor, mental strategy, written method, rounding, estimate, word problem, mental method  Multiplication: multiplication fact, product, ladder method, grid method, multiplication grid, long multiplication Division: division fact, digital root, remainder, divisor	Shape: circle, radius, diameter, circumference, pair of compasses Measure: angle, degrees, obtuse, acute, reflex, protractor, 90°, right angle, 180°, straight line, measure, half turn, three-quarter turn, whole turn	Compare, inequality, compare, order  Fractions: equivalent fraction, simplest form, denominator, numerator, simplest form, simplify, common factor Decimals: decimal, decimal place, tenth, hundredth, round, nearest whole number

Spring 1	Place value, digit, 1s, 10s, 100s, 1000s, 10 000s, 100 000s, zero, greater, smaller, place holder round, adjust, order, between, value, half-way, quarter-way, 0.1s, 0.01s, multiply, divide, hundredths, tenths	Rounding, partitioning, method, number facts, decimal bonds, solution, whole number, calculation, methods, strategies, Frog, subtractions, column method, word problem, compact, expanded  Addition: Mental addition, total Subtraction: counting on, subtract, count back	Factor, multiple, divisible, even, odd, prime, composite, square numbers, square root, squared, consecutive, digit  Multiplication: multiply, ten times Division: digital root, divisor, half, remainder	Venn diagram, estimate, order  Shape: triangle, isosceles, equilateral, scalene, right-angled, properties, symmetry, vertices Measure: angle, protractor, degrees, obtuse angle, acute angle, weight, mass, volume, grams, kilograms, heaviest, lightest, scales, litre, millilitre, capacity, distance, miles, convert, graph, axis, vertical, horizontal, imperial, metric, miles, kilometres, metres	Decimals: tenths, hundredths, decimal, point, two-place decimal, whole number, base 10
Spring 2		Expanded, compact, digit, ones, tens, hundreds, thousands, greater, predict, estimate, rounding, number facts  Addition: counting up, column addition, total Subtraction: column subtraction	Estimate, pattern, hundreds, tens, ones, digit, column, rounding  Multiplication: multiply, product, grid method, ladder method, short multiplication Division: division, chunking, short division, divisor, remainder	Shape: 2D, 3D, polygon, hexagon, square, rectangle, trapezium, triangle, straight, curved, sides, equal, parallel, pentagon, heptagon, perpendicular, symmetrical, quadrilateral, rhombus, parallelogram, parallel, regular, irregular, radius, circumference, diameter Measure: acute, obtuse, reflex, angle, degrees, metric, imperial, length, weight, capacity, metres, centimetres, feet, inches, kilograms, grams, pounds, ounces, litres, millimetres, pints, height, centimetres, metres, measure, tallest	Fractions, unit fraction, non-unit fraction, denominator, numerator, mixed number, equivalent, improper fraction

Summer 1	Negative, minus, zero, higher, lower, difference, average	Number facts, place value, number bonds, partitioning, strategy, rounding, adjusting, calculate, problem, written method, compact, expanded, estimate, rounding  Addition: counting up, column addition Subtraction: subtract, column subtraction, decomposition, difference	Estimate, approximation, digit, place-value, column, row  Multiplication: ladder method, short method, short method, multiplication, long multiplication, grid method	Shape: coordinates, grid, plot, translation, polygon, vertex, axis, quadrant, reflect, negative number, reflection, vertical, quadrilateral, vertices, 3D, 2D, faces, shape, net, triangular-based pyramid, tetrahedron, triangular prism, square-based pyramid Measure: angle, length, protractor, degrees	Greater, less, part, digit, larger, smaller, left, right, whole number, nearest, round, greater, smaller  Fractions: improper, proper, mixed number, simplify Decimals: decimal place, tenths, hundredths, thousandths
Summer 2	Roman numerals, symbol, number system		Factor, multiple, prime number, factor pair, estimate, partition, strategy, squared, cubed  Multiplication: grid method, long multiplication Division: divisor, short division, remainder	Shape: square, rectangle, area, perimeter, symmetry, regular, irregular, cube, cuboid, axis, vertical, horizontal Measure: angle, measure, squared centimetres, length, width, height, volume, measurement, dimensions, volume, capacity, litre, millilitre, centimetre, cubic centimetres, temperature, degrees, hottest, coldest, altitude, kilometres, metres, time, am, pm, fastest, slowest, duration, interval, hour, minute, scale, hand span	Inequality, larger, smaller, more, less  Fractions: half, third, quarter, numerator, denominator, equivalence, mixed number, improper fraction Percentage: fraction, equivalent, hundredth, tenth, percent, double, half, simplify, convert