

## Year 4 Key Vocabulary: Abacus

Term	Place value	Addition and subtraction	Multiplication and division	Shape and measure	Fractions, decimals, percentages
Autumn 1	4-digit number, column, digits, place holder, place value, place-value cards, place-value grid, thousands, equal, greater than, less than, number sentence, estimate, landmarked line	<p>Bonds to 100, digits, landmarked line, next 100, number line, number sentence, 2-digit number, 3-digit number, multiples of 10/100, nearest 10, counting on, estimate, number facts, strategy, calculation, estimate, partitioning, rounding</p> <p>Addition: counting up compact column addition, expanded column addition</p> <p>Subtraction: difference, counting back, counting on, compact column subtraction, decomposition, expanded column subtraction, column subtraction</p>	<p>Multiplication: doubling, multiple, multiplication, multiply, times-table, multiplication fact, multiplication grid</p> <p>Division: dividing</p>	<p>Measure: analogue clock, digital clock, hours, minutes, o'clock, time, half, quarter, time interval, digital time, centimetre (cm), estimate, length, measure, measurement, millimetre (mm), ruler, width, decimal notation, measurement, metre (m), metre stick, tape measure</p>	<p>Fractions: eighth, fractions, fraction statement, half, quarter, sixth, table facts, tenth, third, unit fraction</p>
Autumn 2	Number line, rounding, 4-digit number	<p>Place-value, doubles, partitioning, rounding up, consecutive digit, written column method, 3-digit number, estimate</p> <p>Addition: compact column addition, vertical column addition, column addition, counting up, mental addition, place-value addition, expanded addition</p> <p>Subtraction: expanded column subtraction, subtraction, decomposition</p>	<p>Column, row, approximate, approximation, estimate, rounding</p> <p>Multiplication: multiples, near multiples, double, multiplications grid, multiply, column multiplication, multiply</p> <p>Division: half, column division, divide remainder</p>	<p>Measure: estimate, gram, grams, kilogram, weigh, weight bar chart, axis, axes, frequency, horizontal axis, interval, scale, vertical axis, capacity, estimate, litre, millilitre</p>	<p>Fractions: equivalent, fraction, half, halve, non-unit fraction, quarter, seventh, sixth, unit fraction, eighth, numerator, simplified fraction, denominator</p> <p>Decimals: tenth, fraction, place-value, whole number</p>

Spring 1	Place value, round up, round down, 4-digit number, halfway, digit, count back, hundreds, tens, thousands, less than, greater than, equal, count on, count back, pattern, inverse operation	Place value, landmark, pattern  Addition: counting up Subtraction: compact column subtraction, expanded column subtraction, decomposition	Rounding, systematic, divide, function, calculation, strategy, fact, row, factor, square number, factor pairs  Multiplication: multiple, commutative, times-table, product, multiplication facts, multiplication grid, grid method, column method, ladder method, multiply, double, lots of, times-table facts Division: halve, chunking, remainder	Measure: right angle, acute, obtuse, angle, protractor, degrees, pounds, pence, change, notes, coins Shape: perpendicular, parallel, parallelogram, Venn diagram, quadrilateral, symmetry, pattern, polygon, triangle, pentagon, hexagon, heptagon, octagon, regular, properties, line of symmetry, regular, irregular	Fractions: fraction, equivalent, equal, halve, third, quarter, fifth, sixth, seventh, eighth, tenth, inequality, denominator, simplest form
Spring 2	Digit, thousands, hundreds, tens, ones, partition, addition	4-digit numbers, thousands, hundreds, tens, ones, method, bonds, partitioning, number facts, expanded, compact, digit, method, written, mental, place-value, rounding, number story, calculation, information, context  Addition: counting up, mental addition, expanded addition, column addition Subtraction: column subtraction, counting back, counting on, taking away, subtract, difference, less than, minus, take away	Grid method, ladder method, estimate, calculation, digital root, consecutive, descending, inverse, less than, more than  Multiplication: multiply, multiple Division: divide, remainder	Shape: rectangle, perimeter, length, width, centimetre, metre, distance, double, sides, opposite Measure: digital, analogue, am, pm, morning, afternoon, midday, 24 hour clock, hour, minute, o'clock, quarter past, half past, quarter to, kilometres, metres, centimetres, millimetres, length, height, distance, perimeter, measure, convert, calculation, pounds, pence	Decimals: ones, tenths, whole number, decimal point, decimal place, greater than, less than, bigger, smaller, decimal, point, round, half-way, one-place, largest, smallest, decimal number

Summer 1	<p>Digits, thousands, hundreds, tens, ones, greater than, less than, place holder, compare, value, add, subtract, zero, order, smallest, largest, tens of thousands, positive, negative, minus, less than, more than, Roman numerals, numerals, number system,</p>		<p>Pattern, partition, rounding, calculation, mental strategies, grid method, ladder method, biggest, smallest, rounding, digit, mental method, written method, jotting, input, output</p> <p>Multiplication: multiply, times-table, multiple, double, multiplying  Division: halving</p>	<p>Shape: sides, vertices, angles, regular, irregular, parallel, adjacent, polygon, triangle, equilateral, isosceles, scalene, quadrilateral, square, rectangle, parallelogram, kite, rhombus, trapezium, faces, edges, vertices, 3D, 2D, prism, sphere, cylinder, cone, cuboid, cube, triangular-based pyramid, square-based pyramid, triangular prism, hexagonal prism, vertex  Measure: area, square centimetre, calculate, width, length, greater, smaller, perimeter, square metre, unit, measure, centimetre, metre, decimetre, degrees, Celsius, centigrade</p>	<p>Fractions: fraction, equivalent, numerator, denominator  Decimals: digits, decimal, multiply, whole number, tenths, hundredths, ones, tens, hundreds, greater, smaller, between, point, less, more, tenths, hundredths</p>
Summer 2		<p>Rounding, partitioning, strategy, smallest, largest, hundreds, digit, predict, amount, solve, number facts, compact, expanded</p> <p>Addition: add, column addition, total  Subtraction: counting on, subtract, decomposition</p>	<p>Factor, prime number, factor pair, squared, factor, partitioning, digit, ladder method, biggest, smallest, digital root, estimate, multiplication, approximation</p> <p>Multiplication: multiple, double, multiply, product, times-table  Division: divide, halve, chunking</p>	<p>Measure: notes, coins, amount, cost, subtract, change, total, grid, axis, coordinate, vertices, vertex, pattern, translated, shape, direction, survey, results, pictogram, bar chart, information, category, line graph, rate, fair test, temperature, interval, length, area,</p>	<p>Fractions: third, quarter, eighth, sixth, mixed number, equivalent, place value, tenths, hundredths,</p>