

Year 6 Key Vocabulary: Abacus

Term	Place value	Addition and subtraction	Multiplication and division	Shape and measure	Fractions, decimals, percentages
Autumn 1	Digits, hundreds, thousands, millions, more, less, zero, inequality, greater	<p>Number facts, bonds, rounding, mental, written, method, equation, solve, calculation, represent, brackets, calculation, problem, operation, adjustment, column method, compact, expanded</p> <p>Addition: column addition, count up Subtraction: counting on, counting back</p>	<p>Equation, solve, calculation, represent, mental strategies, fact web, approximation, rounding, less than, closest to</p> <p>Multiplication: multiply, double, lots of, short multiplication, long multiplication Division: remainder, halve</p>	<p>Measure: represent, perimeter, angle, litres, millilitres, grams, kilograms, tonnes, convert, weight, capacity, length, height, distance, metres, centimetres, millimetres, miles, kilometres, equivalent, Roman numerals, time, digital, analogue, 24-hour, 12-hour, am, pm, difference, minutes, change, pounds, pence, budget, takings</p>	<p>Decimals: tenths, hundredths, decimal point, thousandths, order</p>
Autumn 2	Positive, negative, addition, difference, greater, less, biggest, smallest, less than		<p>Function</p> <p>Multiplication: multiply, double, lowest common multiple, lots of Division: divide, halve, short division, remainder, divisor</p>	<p>Shape: polygon, hexagon, 2D, parallel, perpendicular, right angle, 3D, plane, faces, vertices, edges, base, triangle, parallelogram, properties, net, sphere, cone, cylinder, pyramid, cube, cuboid, triangular prism, pentagonal prism, hexagonal prism, tetrahedron</p> <p>Measure: squared, millimetre, centimetre, metre, kilometre, area, perimeter, length, width, area, volume, formula, dimensions</p>	<p>Equivalent, inequality, convert, divide</p> <p>Fractions: denominator, numerator, mixed numbers, improper fraction, simplify Percentages: reduce, discount</p>

Spring 1	Digit, millions, hundreds of thousands, ten thousands, thousands, hundreds, tens, ones, order, greater, smaller, compare, largest, smallest, closest, rounded, half-way, million	Mental, strategy, rounding, partitioning, bonds, number facts, reverse, palindrome, strategy Addition: round addition, column addition Subtraction, column method, difference	Estimate, partitioning, factor, prime numbers, composite numbers, multiple, Sieve of Eratosthenes Multiplication: product, short multiplication, grid method long multiplication, double, highest/lowest common multiple Division: divisor, remainder, short division, long division	Shape: quadrilaterals, 2D, 3D, regular, irregular, angles, sides, parallelogram, rhombus, trapezium, kite, inverted kite, square, pentagon, rectangle, bisect, diagonal, parallel, symmetry, acute, obtuse, opposite, diagonal, equilateral, isosceles, scalene, circle, pair of compasses, circumference, diameter, radius Measure: angles, degrees Protractor, perimeter, takings, profit, trade, distance, greatest, shortest, metre, kilometre	Rule, tenths, hundredths, thousandths Fractions: numerator, denominator Decimals: digit, value, recurring
Spring 2		Bond, column method, mental strategies, rounding, place value, partitioning, number facts Addition: column addition, total, mental addition, column addition Subtraction: counting up	Rounding, estimate, multiple, simplify, more than, less than Multiplication: long multiplication, carry Division: simplify, remainder, long division, divisor	Shape: quadrant, grid, coordinate, translation, axis, graph, polygon, diagonal, horizontal, reflection, negative, adjacent, quadrilateral, rhombus, regular, irregular, vertices, vertex, isosceles, equilateral Measure (inc. statistics): average, mean, range, above, below, more, less, time, distance, graph, miles, kilometres, axis, conversion, pounds, kilograms, pie chart, percentage, data, common, angle, fraction, protractor, change, pounds, pence, takings, profit, total, jackpot,	

Summer 1	Millions, thousands, digit, place-value, compare, zero, represent, negative number	Written, mental, rounding, partitioning, number facts, column method, inverse operation Subtraction: difference, counting on	Inverse operation, brackets, rate, factor, common factor, place value, times table, round up, round down, more, fewer Multiplication: multiple, common multiple, long multiplication, multiply Division: divide, remainder, short division, long division	Algebra, unknown, equation Shape: coordinate, axis, quadrant, triangle, rectangle, pentagon, symmetrical, parallelogram Measure: angle, perimeter, area, scale, measurement, metres, centimetres, mean, average, longer, shorter, Celsius, degrees, temperature, metres, kilometres, kilograms, centimetres, perimeter	Tenth, hundredth, thousandth, round, whole number
Summer 2	Sequence, number system, decimal, binary, place value odd, even, sequence, consecutive, non-consecutive, rule, pattern Mathematicians: Brahmagupta, Napier, Fibonacci, Pythagoras		Algorithm, method, row, column, digital root, pattern, ratio Multiplication: lattice, method, product, multiple, common multiple, lowest common multiple	Identical, formula, calculate, theorem, sum, equal Shape: circle, triangle, quadrilateral, pentagon, hexagon, octagon, polygon, regular, irregular, angle, acute, obtuse, reflex, equilateral, isosceles, scalene, diameter, radius, tessellation, vertices, polygon, geometry, arrangement, rotate, adjacent, right angle Measure: scale, represent, grams, degrees, protractor, perimeter, area, volume, year, month, day, hour, minute, second, 24-hour clock, time interval, timetable data, information, table, bar chart, pictogram, line graph, pie chart, angles, degrees	Fractions: numerator, denominator, simplify, mixed number, improper fraction, equivalent