

MATHS 1-6

1st grade	2nd grade	3rd grade	4th grade	5th grade	6th grade
<p>general: numbers 0-20 less/smaller/ greater than, more, less, mental calculation, ones/units, tens, hundred(s), number line</p>	<p>general: numbers 20-100, one-digit number, two-digit number, thousand(s), one-half, number sequences</p>	<p>general: numbers 0-10000, expression, grid, order of operations, rounding to the nearest ten, four-digit numbers</p>	<p>general: numbers 0-99000, brackets, line graph, bar graph, missing addends, minuends and subtrahends</p>	<p>general: numbers 0 - 100000, trailing zeros, prime number, composite number, place value system, percentage, ascending/descending order</p>	<p>general: negative integers, positive integers, powers, index/ exponent, base number, value of the power, square numbers, cubed numbers, quantity, original amount</p>
<p>verbs: count, calculate, compare, order, complete, tell the time, measure, practise , add, subtract, solve, play, test, learn addition, learn subtraction, practice addition/subtraction</p>	<p>verbs: multiply, divide, carry over, revise, go forward, go backwards, turn left, turn right</p>	<p>verbs: practise, classify figures, label, carry to the hundreds, memorise, self-assess, round, draw symmetrically, move number to x-column</p>	<p>verbs: round numbers, multiply/divide by tens, hundreds or thousands</p>	<p>verbs: bring down, combine, convert, extend, increase, decrease, enlarge, reduce</p>	<p>verbs: calculate in stages, evaluate, separate, rotate, remove, obtain</p>
<p>addition: how many, addition, plus, in total, altogether, equals, sum, commutative law of addition, fact family</p>	<p>addition: missing addends, addition in columns, carrying to the tens place, full ten, carrying twice</p>	<p>addition: decimal system, carrying to the hundreds place</p>	<p>addition: carrying thousands place</p>	<p>addition: (no new concepts)</p>	<p>addition: addition with negative numbers</p>
<p>subtraction: subtraction, minus, difference, remain, left</p>	<p>subtraction: subtrahend, subtraction in columns</p>	<p>subtraction: moving hundred to the tens column, subtraction across a zero</p>	<p>subtraction: subtrahend, minuend</p>	<p>subtraction: (no new concepts)</p>	<p>subtraction: (no new concepts)</p>

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(multiplication is not taught in grade 1)	multiplication: times tables, the concept of multiplication	multiplication: multiplier, multiplicand, product, times tables, multiplication, one carry, two carries	multiplication: factor, product, two-digit multipliers, carrying, carried number, crossing the carried number	multiplication: factor, multiplication in columns	multiplication: (no new concepts)
(division is not taught in grade 1)	division: one-half, one-third, one-fourth	division: divisor, dividend, quotient, division, remainder	division: (no new concepts)	division: sharing (ositusjako), grouping (sisältöjako), division in columns, two-digit divisor, divisibility	division: (no new concepts)
geometry: shape, angle, point, line, bar graph	geometry: pattern, square, triangle, quadrilateral, pentagon, circle, cube, sphere, pyramid, point, line, line segment, polygonal chain, ray, side, corner, pentagon	geometry: perimeter of a quadrilateral, polygons, pentagon, perimeter, sides, square, symmetrical shapes	geometry: different angles, right angle, straight angle, acute angle, obtuse angle, classifying triangles, acute triangle, right triangle, obtuse triangle, polygon, quadrilateral, trapezoid, parallelogram, rectangle, square, hexagon, triangle, pentagon, solid, cuboids, perimeter, circumference, diameter, radius, centre point, coordinates, horizontal, vertical, vertices, edges, faces, folded shape	geometry: radius, diameter, round angle, straight angle, obtuse angle, right angle, acute angle, protractor, area, reflection, congruence, similarity, scale of enlargement, scale of reduction	geometry: closed plane figure, regular polygon, diagonal, base, prism, congruent, cavalier perspective, dimension, edge, axis

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(fractions are not taught in grade 1)	(fractions are not taught in grade 2)	fractions: one-half, one-third, one-fourth, numerator, denominator, mixed numbers, fractions of time, fraction of length	fractions: (no new concepts)	fractions: fraction, numerator, denominator, mixed number, convert, reduce, common denominator	fractions: a common denominator, an improper fraction, a different denominator, a reciprocal
(decimals are not taught in grade 1)	(decimals are not taught in grade 2)	decimals: ones, tenths, hundredths	decimals: (no new concepts)	decimals: whole number, tenths, hundredths, thousandths, infinite decimal	decimals: (no new concepts)
measuring: units of measurement, euro, cent, time, clock, minute hand, hour hand, hour, half hour, half past, centimetre, length, long	measuring: past, to, quarter to/past	measuring: times of day, digital time, intervals of time, units of time, units of length, units of masses	measuring: (no new concepts)	measuring: units of volume, units of masses, units of length, units of area, square metre, units of time	measuring: hectometre, decametre, hectogram, decagram, unit price, a hectare, an acre, a period of time, a time zone
(coordinate system is not taught in grade 1)	(coordinate system is not taught in grade 2)	(coordinate system is not taught in grade 3)	(coordinate system is not taught in grade 4)	coordinate system: x-axis, y-axis, disjoint, intersection, subset, venn diagram, tree diagram, pictogram, bar graph, pie chart, mean, range, mode, probable- impossible- certain, probability	coordinate system: (no new concepts)