

Maths

Vocabulary Ladders

Document



Written: December 2019 (PR)

To be reviewed, evaluated and updated: December 2020

Burnside Primary School

Number and Place Value Vocabulary Ladder

Reception

number, one, two, three, four, five, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty, teen numbers, none, count, more, odd, few, same, less, even, pattern, pair, ones, tens, digit, many, more, most, large, larger, largest, big, bigger, biggest, greater, greatest, fewer, fewest, smaller, smallest, least, compare, order, size, first, second, third, fourth, fifth, sixth, seventh, eighth, ninth, tenth, last, before, after, next, between, estimate, over, under, enough, part, whole, describe,

Year 1

numeral, thirty, forty, fifty, sixty, seventy, eighty, ninety, one hundred, forwards, backwards, equal, equivalent, multiple, half-way, above, below, roughly, partition, greater than, less than

Year 2

hundred, tally, sequence, continue, predict, rule, >greater than, <less than, one digit, two digit, place, value, represents, stands for, value, exact, exactly

Year 3

hundreds, fifties, nearest, Roman numeral, approximate, approximately, round, thousand,

Year 4

thousands, consecutive, integer, positive, negative, minus, Roman numeral,

Year 5

descending, ascending, million, ten thousand, hundred thousand

Year 6

ten million

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Addition and Subtraction Vocabulary Ladder

Reception

add, more, and, make, sum, total, altogether, double, take away, left, less, fewer, difference, part, whole

Year 1

addition, near double, half, halve, equal, the same as, number bonds, number pairs, subtraction, missing number, distance between, how many/ how much more to make...? How many/ much more is than? minus, problem, partition, how much less is... than....? How many fewer is ... than..?

Year 2

Bridging, tens boundary, commutative, inverse, calculate, calculation, mental method, written method, column addition, column subtraction, one-step problem, two-step problem

Year 3

hundreds boundary, column addition, column subtraction

Year 4

Year 5

multi-step problem, ones boundary, tenths boundary, level of accuracy, rounding to estimate

Year 6

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Multiplication and division Vocabulary Ladder

Reception

Sharing, double, doubling, half, halving

Year 1

Double, near double, halve, grouping, multiply, multiplication, multiply by, multiple, division, divide, divide by, array,

Year 2

Groups of, times, repeated addition, divided into, share equally, left over, group in, rows, columns, multiplication table, multiplication fact, division fact, commutivity,

Year 3

Factor, product, remainder, scaling, times as long / high /wide / heavy, associativity,

Year 4

Square, squared, cube, cubed, factor pair, distributive,

Year 5

Common factor, composite number, long multiplication, non-integer, divisible, power of, prime number, prime factor, equivalence statement

Year 6

Factorise, digital total

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Fractions Vocabulary Ladder

Reception

Part, whole

Year 1

Fraction, equal, group, share, half, quarter, equal group

Year 2

Equivalent, numerator, denominator, halves, quarters, thirds, straight line, unit fraction, non-unit fraction

Year 3

tenths

Year 4

Hundredths, decimal

Year 5

Mixed, proper, improper, convert, thousandths, percentages

Year 6

Proportion, simplify, ratio, simplest form

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Properties of shape Vocabulary Ladder

Reception

Shape, pattern, flat, curved, straight, round, hollow, solid, sort, make, build, draw, size, bigger, larger, smaller, symmetrical, repeating, match, 2D shape, corner / vertex, corners, vertices, rectangle, square, oblong, circle, triangle, 3D shape, vertices, vertex, edge, face, sphere, cone, cube, pyramid, surface

Year 1

Symmetry, symmetrical, cuboid, cylinder

Year 2

Line symmetry, circular, rectangular, triangular, pentagon, hexagon, octagon

Year 3

Perimeter, pentagonal, hexagonal, octagonal, quadrilateral, right-angled, parallel, perpendicular, hemisphere, prism,

Year 4

Line, construct, centre, angle, right-angled, base, reflect, square-based, reflection, regular, irregular, rectilinear, equilateral, isosceles, scalene, heptagon, parallelogram, rhombus, trapezium, polygon, tetrahedron, polyhedron,

Year 5

Congruent, reflective symmetry, axis of symmetry, tetrahedron, dodecahedron

Year 6

Radius, diameter, circumference, concentric, arc, intersecting, bisecting, plane, kite, net

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Algebra Vocabulary Ladder

Reception

Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

Formulae, equation, unknown, expression, variable, substitute,
generate, linear, combination, simplify

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Position and direction Vocabulary Ladder

Reception

Position, over, under, above, below, top, bottom, side, on, in, outside, inside, around, in front, behind, front, back, beside, next to, opposite, apart, between, middle, edge, corner, direction, left, right, up, down, forwards, backwards, sideways, across, next to, close, near, far, along, through, to, towards, from, away from, movement, slide, roll, turn, stretch, bend, whole turn, half turn,

Year 1

Underneath, centre, journey, quarter turn, point

Year 2

Route, higher, lower, clockwise, anti-clockwise, right-angle, straight line,

Year 3

Compass point, north, south, east, west, horizontal, vertical, diagonal, angle, acute, obtuse,

Year 4

North-east, north-west, south-east, south-west, translate, translation, rotate, rotation, degree, reflection, ruler, set square, angle measurer, protractor, compass

Year 5

X-axis, y-axis, quadrant, coordinate, reflex,

Year 6