







## Worthington Primary Vocabulary Progression



### Highlighted words - New Vocab

	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place Value  EYFS – Cardinality and Counting  Comparison	number 1, 2, 3, 4, 5, count, first, second, third, fourth, fifth how many, total, altogether, same, more than, fewer than, same larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, pattern	number first, second, third...count how many, total, altogether, <b>equal</b> , same, same amount, subitise, more less, greater, <b>pattern, pair, estimate, count on/back, ones, digit, as many as,</b> larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest <b>one more, one less compare order before, after next between</b>	<u>Within 20</u> Number, <b>numeral, digit, place value, represent,</b> greater than, less than, equal to, one more, one less, compare, least, most, <b>partition, tens, ones,</b> pattern, equal, estimate, even, odd <u>Within 50/100</u> As above, <b>rows columns,</b>	number, tens, ones, partition, <b>expand,</b> place value, represent, <b>combine, recombine,</b> digit, numeral, order compare, greater than, less than, equal to, place value, partition, rows columns, <b>equivalent,</b> ten more, ten less, estimate, sequence, pattern, even, odd, <b>multiple</b>	tens, ones, <b>hundreds,</b> partition, expand, place value, represent, combine, recombine, digit, numeral, order compare, greater than, less than, equal to, place value, partition, rows columns, equivalent, ten more, ten less, <b>one hundred more one hundred less</b> estimate, sequence, pattern, multiple	tens, ones, hundreds, <b>thousands, round, negative number, roman numeral,</b> partition, expand, place value, represent, combine, recombine, digit, numeral, order compare, greater than, less than, equal to, place value, partition, rows columns, equivalent, <b>one thousand more, one thousand less</b> estimate, sequence, pattern. multiple	tens, ones, hundreds, <b>thousands, millions,</b> round, negative number, roman numeral, partition, place value, represent, combine, recombine, digit, numeral, order compare, greater than, less than, equal to, place value, partition, rows columns, equivalent, estimate multiple, <b>interval, sequence, integer, pattern., divisibility, square number, prime number, ascending/descending order, prime numbers</b>	<i>tens, ones, hundreds, thousands, millions, tens millions round, negative number, partition, expand, place value, represent, combine, recombine, digit, multiple equal to, rows columns, equivalent, estimate, interval, sequence, linear, integer, pattern. formula, divisibility, square number, prime number, ascending/descending order, prime numbers, factorise, prime factor, digit total</i>

<p>Addition Subtraction</p> <p>EYFS - Composition</p>	<p>add, more, make, plus sum, total, altogether, left, left over, one less, fewer, difference, take away, equal</p>	<p>add, more, make, plus sum, total, altogether, counting on/back, double, left, left over, fewer, difference between, take away, subtract, equal number bonds</p>	<p>plus, add, more than, counting on/back, total, subtract, minus, take-away, less than, fewer, find the difference, strategies number bonds systematically (looking for patterns), fact family, double equal</p>	<p>plus, add, more than, counting on, total, subtract, minus, take-away, less than, fewer, find the difference, equal strategies number bonds systematically fact family, column addition, column subtraction, solve, number facts, odd, even related facts, place value, digit, inverse, exchange, near double</p>	<p>plus, add, more than, counting on, total, subtract, minus, take-away, equal less than, fewer, find the difference, strategies number bonds systematically column addition, column subtraction, solve, number facts, related facts, place value, digit, inverse, exchange, tens boundary, hundreds boundary.</p>	<p>plus, add, more than, counting on, total, equal subtract, minus, take-away, less than, fewer, find the difference, strategies systematically column addition, column subtraction, solve, number facts, related facts, place value, digit, inverse, exchange, tens boundary, hundreds boundary</p>	<p>plus, add, more than, counting on, total, equal subtract, minus, take-away, less than, fewer, find the difference, strategies systematically column addition, column subtraction, solve, number facts, related facts, place value, digit, inverse, exchange, tens boundary, hundreds boundary, complex</p>	<p><i>efficient strategies systematically formal written methods, facts, related facts, additive multiplicative relationship addend, subtrahend minuend inverse, exchange, tens boundary, hundreds boundary, complex</i></p>
<p>Multiplication and Division</p> <p>EYFS Composition</p>	<p>share, group, equal amounts, half</p>	<p>share, group, equal half amounts unequal, odd, even double, share equally group in pairs equal groups of divide</p>	<p>share, group, equal unequal multiplication, repeated addition multiply, multiplied by, division, dividing, grouping, sharing, doubling, halving, array, number patterns, odd, even column/row multiples</p>	<p>share, group, equal, lots of multiplication, multiply, multiplied by, times, division, dividing, grouping, sharing, doubling, halving, array, number patterns, odd, even, column/row, multiples multiplication fact, division fact</p>	<p>share, group, equal multiplication, multiply, multiplied by, times, division, dividing, grouping, sharing, doubling, halving, array, number patterns, odd, even, column/row multiplication fact, division fact, factor, multiple</p>	<p>share, group, equal multiplication, multiply, multiplied by, times, division, dividing, grouping, sharing, doubling, halving, array, number patterns, odd, even, column/row multiplication fact, division fact, factor, multiple product, remainder, regroup</p>	<p>share, group, equal long/short multiplication, multiply, multiplied by, times, division, dividing, grouping, sharing, doubling, halving, array, number patterns, odd, even, column/row multiplication fact, division fact, factor, multiple product, remainder, regroup</p>	<p>Multiplication, multiplicand, dividend, divisor, common factors, common multiple product, remainder, regroup inverse, square, squared, cube, cubed,</p> <p><b>Algebra</b> formula, formulae equation unknown variable BODMAS?</p>

					product, remainder, regroup,	inverse, square, squared, cube, cubed	inverse, square, squared, cube, cubed	
Fractions (including decimals and percentages)  EYFS Composition	equal parts whole share	Equal <b>unequal</b> parts whole share	<b>Fraction</b> , parts whole, equal, unequal, share <b>half, quarter</b>  Teach must use the same language from Year 1 up – <i>A fraction is one out of ___ equal parts.</i>	Fraction, parts whole, equal, unequal, share, half, quarter, <b>third, three quarters, two quarters, numerator, denominator, unit fractions, non-unit fractions, equivalent</b>	Fraction, parts whole, equal, unequal, share, half, quarter, third, three quarters, two quarters, numerator, denominator, unit fractions, non-unit fractions, equivalent, <b>tenths, decimal tenths. Sixths, sevenths eighths.. etc.</b>	Halves, quarters thirds fifths sixths eighths equivalent fractions part, whole, numerator, denominator, <b>improper fraction, mixed numbers decimals, hundredths, decimal fraction, decimal point, decimal place, decimal equivalent proportion</b>	proper/improper fraction equivalent fraction mixed number numerator, denominator equivalent, <b>reduced to, cancel hundredths, thousandths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion, in every, for every percentage, per cent, % rounding</b>	proper/improper fraction equivalent fraction mixed number numerator, denominator equivalent, simplify hundredths, thousandths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion, in every, for every percentage, per cent, % rounding, <b>ratio</b>
Geometry Properties of Shape  Position and Direction  EYFS – Shape and Space	<u>Shape Names</u> circles, rectangles, triangles, squares <u>Other Vocabulary</u> sides, corners straight, flat, round, solid pattern, curved	<u>Shape Names</u> Circle, rectangle square, triangle  <u>Other Vocabulary</u> sides, corners straight, flat, round, solid	<u>Shape Names</u> Circle, rectangle square, triangle, <b>pentagon, hexagon,</b>  <u>Other Vocabulary</u> sides, straight, flat, round, curved solid 2D 3D pattern	<u>Shape Names</u> Circle, rectangle square, triangle, pentagon, hexagon, <b>octagon,</b>  <b>Triangular prism, square based pyramid, triangular pyramid</b> <u>Other Vocabulary</u> sides, straight, flat, round,	<u>Shape Names</u> Circle, rectangle square, triangle, pentagon, hexagon, octagon, <b>heptagon, polygon</b>  triangular prism, square based pyramid, <b>tetrahedron</b> <u>Other Vocabulary</u> 2D 3D pattern	<u>Shape Names</u> <u>As previous years</u> pentagon, hexagon, octagon, heptagon, polygon, <b>parallelogram, quadrilateral, rhombus, scalene isosceles triangle, equilateral triangle, scalene, trapezium</b> tetrahedron  <u>Other Vocabulary</u>	<u>Shape Names,</u> <u>As previous years</u> rhombus, trapezium, polygon <b>rectilinear,</b> equilateral triangle, isosceles triangle, scalene triangle, pentagon, <b>pentagonal,</b> hexagon, <b>hexagonal,</b> heptagon, <b>heptagonal,</b> octagon, <b>octagonal,</b> quadrilateral,	<u>Shape Names</u> <u>As previous years</u> rhombus, trapezium, polygon rectilinear, equilateral, , scalene triangles <i>pentagon, pentagonal, hexagon, hexagonal, heptagon, heptagonal, octagon, octagonal,</i> quadrilateral, parallelogram, , right - angled, parallel, perpendicular, x-axis, y-

	<p>Position, over, under above, below top, bottom, outside, inside, around in front, behind, front, back besides, next to, opposite apart, between, middle, up, down forwards, backwards, sideways</p>	<p><b>curved 2D 3D</b> pattern Position, over, under above, below top, bottom, outside, inside, around in front, behind, front, back besides, next to, opposite apart, between, middle, <b>left, right</b> up, down forwards, backwards, sideways</p>	<p><b>face, edge, vertex,</b> <b>vertices, surface</b> position over, under, underneath above, below top, bottom, around, in front, behind front, back beside, next to opposite direction journey, route left, right up, down forwards, backwards, next to, to, from, <b>movement</b> <b>turn</b> <b>whole turn, half</b> <b>turn, quarter turn,</b> <b>three-quarter turn</b></p>	<p>curved solid 2D 3D pattern face, edge, vertex, vertices, surface, <b>symmetry,</b> <b>vertical, regular,</b> <b>irregular</b> position over, under, underneath above, below top, bottom, around, in front, behind front, back beside, next to opposite direction journey, route left, right up, down forwards, backwards, next to, to, from, movement turn whole turn, half turn, quarter turn, three-quarter turn <b>clockwise,</b> <b>anticlockwise</b></p>	<p>face, edge, vertex, vertices, surface, symmetry, vertical, regular, irregular, <b>horizontal, apex,</b> <b>angle, right angle,</b> <b>acute, obtuse,</b> <b>parallel,</b> <b>perpendicular,</b> <b>right angle.</b></p>	<p>2D 3D pattern face, edge, vertex, vertices, surface, symmetry, regular, irregular vertical, horizontal, apex, angle, right angle, acute, obtuse, parallel, perpendicular, right angle, <b>reflection,</b> <b>mirror line</b></p>	<p>parallelogram, , right - angled, parallel, perpendicular, <b>x-axis, y-</b> <b>axis, quadrant</b> face, edge, vertex, vertices, <b>hemisphere, spherical, ,</b> <b>cylindrical,</b> tetrahedron, <b>polyhedron,</b> <b>octahedron</b>  <u>Other Vocabulary</u> , <b>centre, radius,</b> <b>diameter,</b> surface, angle, right-angled, <b>congruent,</b> base, square-based, symmetry, symmetrical, symmetrical pattern ,line symmetry, reflection, <b>axis of</b> <b>symmetry, reflective</b> <b>symmetry, pattern,</b> repeating pattern, regular, irregular, <b>net</b></p>	<p>axis, edge, vertex, vertices, hemisphere, spherical, cylindrical, tetrahedron, polyhedron, octahedron, <b>dodecahedron</b>  <u>Other Vocabulary</u> centre, radius, diameter, surface, angle, right-angled, congruent, base, square-based, symmetry, symmetrical, symmetrical pattern ,line symmetry, reflection, axis of symmetry, <b>intersecting,</b> <b>intersection</b> <b>plane</b> circumference, concentric, arc, net, open, closed, <b>unknown</b> <b>angles, vertically</b> <b>opposite,</b> <b>complementary angles,</b> <b>supplementary angles</b></p>
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<p><b>Statistics</b> *Including language related to addition, subtraction multiplication, division.</p>				<p>count, tally, sort, graph, block graph, pictogram represent, group, set list, table, title, most popular, most common, least popular, least common, key, interpret, data</p>	<p>count, tally, sort, , graph, block graph, pictogram represent, group, set, list, table, chart, bar chart, title, axis, axes, diagram, most popular, most common, least popular, least common, vertical axis, horizontal axis, scale,</p>	<p>count, tally, sort, , graph, block graph, pictogram, represent, group, set, list, table, chart, bar chart, title, axis, axes, diagram, most popular, least common, least popular, least common, graph, data, represent, chance, impossible, most likely, lease likely, graph, line graph, table vertical axis, horizontal axis, scale survey questionnaire</p>	<p>count, tally, sort, , graph, block graph, pictogram represent, group, set, list, table, chart, bar chart, title, axis, axes, diagram, most popular, most common, least popular, least common, graph, data, represent, chance, impossible, most likely, lease likely, graph, line graph, table vertical axis, horizontal axis, scale survey questionnaire, relationship, predict, pattern, maximum value, minimum value, continuous data, y axis x axis timetable</p>	<p>Dual bar chart, pie chart, line graph, title, diagram, y axis x axis timetable, mean (mode), median, range as estimates pie chart statistics, distribution Variables Observed frequencies Expected frequencies</p>
<p><b>Measurement Money</b>  <b>EYFS – Measures</b>  *Including language related to addition, subtraction multiplication, division.</p>	<p>Money, coin, price, cost, buy, sell, spend, pay</p>	<p>Money, coin, price, cost, buy, sell, spend, pay, pence, pound, change, total</p>	<p>Money, coin (all coins), price, cost, buy, sell, spend, pay, pence, pound, note (£5, £10, £20, £50), total amount value</p>	<p>Pence, pounds, notes, coins (all coins), how much, pound coin, note (£5, £10, £20, £50) total, amount, value change, difference, price, cost, pay, owe, left., difference.</p>	<p>Pence, pounds, notes, coins (all coins), how much, pound coin, note (£5, £10, £20, £50) total, amount, change, difference, price, cost, pay, owe, left, difference, convert</p>	<p>total, amount, change, difference, price, cost, pay, owe, left, difference, convert, round, decimal, estimate, combinations</p>	<p><i>All vocabulary to be applied in decimals units.</i></p>	<p><i>All vocabulary to be applied in decimals units.</i></p>

<p>Measurement Time</p> <p>EYFS – Measures</p> <p>*Including language related to addition, subtraction multiplication, division.</p>	<p>Seasons Time, days, of the week, Monday, Tuesday, day, week, birthday, holiday, morning, afternoon, evening, night, bedtime, dinner time, playtime, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late.</p>	<p>Seasons, Time, days, of the week, Monday, Tuesday, day, week, birthday, holiday, morning, afternoon, evening, night, bedtime, dinner time, playtime, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late</p>	<p>As EYFS Months of the Year – Jan Feb... Spring Summer Autumn Winter Hours, Minutes Hand, O'clock Half past, longer/shorter, before, then, after, now</p>	<p>longer/shorter, before, then, after, now, Hours, Minutes, seconds Hand, O'clock Half past, quarter past, quarter to, 5 minutes past/to duration,</p>	<p>Hours, Minutes, seconds Hand, O'clock Half past, quarter past, quarter to, 5 minutes past/to duration, 12-hour time 24-hour time am pm analogue, digital hours minutes midday midnight noon</p>	<p>Hours, Minutes, seconds Hand, O'clock Half past, quarter past, quarter to, 5 minutes past/to duration, 12-hour time 24-hour time am pm analogue, digital hours minutes midday midnight noon, roman numerals</p>	<p>Hours, Minutes, seconds Hand, O'clock Half past, quarter past, quarter to, 5 minutes past/to duration, 12-hour time 24-hour time am pm analogue, digital hours minutes midday midnight noon, convert, timetable,</p>	<p><i>Previous year's vocabulary for Time will be revised throughout the year.</i></p>
<p>Measurement Weight/Volume Capacity/temp /converting units</p> <p>*Including language related to addition, subtraction multiplication, division.</p> <p>EYFS - Measures</p>	<p>weigh, balance heavy, light heavier, lighter heaviest, lightest scales full empty holds container</p>	<p>weigh, balance heavy, light heavier, lighter heaviest, lightest scales full empty half full holds container</p>	<p>heavy/light, heavier/lighter, heaviest/lightest. Mass, balance, Volume and capacity Full, nearly full, half full, nearly empty, empty. standard unit, non-standard</p>	<p>Mass, heavy, light, heavier than, lighter than, balanced, standard unit, non-standard unit, grams, kilograms, volume, capacity, full, empty, liquid, quarter, half, three quarters, millilitres, litres, temperature,</p>	<p>Mass, heavy, light, heavier than, lighter than, balanced, standard unit, non-standard unit, grams, kilograms, volume, capacity, full, empty, liquid, quarter, half, three quarters, millilitres, litres, temperature,</p>	<p>Mass, heavy, light, heavier than, lighter than, balanced, standard unit, non-standard unit, grams, kilograms, volume, capacity, full, empty, liquid, quarter, half, three quarters, millilitres, litres, temperature, thermometers, degrees centigrade, increased, decreased,</p>	<p>grams, kilograms, volume, capacity, full, empty, liquid, quarter, half, three quarters, millilitres, litres, centilitre pint, gallon temperature, thermometers, degrees centigrade, increased, decreased, warmer, colder, difference, metric unit, imperial unit, convert.</p>	<p>grams, kilograms, tonne, pound, ounce, volume, capacity, full, empty, liquid, quarter, half, three quarters, millilitres, litres, centilitre pint, gallon, centilitre cubic centimetres (cm<sup>3</sup>), cubic metres (m<sup>3</sup>), cubic millimetres (mm<sup>3</sup>), cubic kilometres (km<sup>3</sup>)</p>

				thermometers, degrees centigrade, increased, decreased, warmer, colder, difference	thermometers, degrees centigrade, increased, decreased, warmer, colder, difference	warmer, colder, difference, metric unit		capacity temperature, thermometers, degrees centigrade, increased, decreased, warmer, colder, difference, metric unit, imperial unit, convert,
Measurement Length/Height/perimeter/  EYFS - Measures	long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher far, near, close	long, short, tall, high, low, wide, narrow, thick, thin, longer, shorter, taller, higher longest, shortest, tallest, highest far, near, close	long, longer, longest, longer than tall, taller, tallest, taller than non-standard units, standard units, centimetre (cm), metres (m),	Length, long, short, height, tall, taller, measure, ruler, tape measure, metre stick, centimetre (cm), metre (m), compare, order	Mm, Cm, m, km Length, long, short, height, tall, taller, measure, ruler, tape measure, metre stick, centimetre (cm), metre (m), compare, order	Mm, Cm, m, km, height, width, depth, breadth Dimensions, width, length, depth perimeter, edge, area, square centimetre (cm <sup>2</sup> ), square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> )	Mm, Cm, m, km, height, width, depth, breadth Dimensions, rectilinear, width, depth, perimeter, edge square centimetre (cm <sup>2</sup> ), square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> )	Mm, Cm, m, km, height, width, depth, breadth Dimensions, width, length, perimeter, edge square centimetre (cm <sup>2</sup> ), square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> ) mile, yard, foot, feet, inch, inches, circumference