



## Endon Hall Primary & Nursery School

### Maths Vocabulary Progression

Year	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Number</b>	zero, number, one, two, three... (to twelve), teens numbers e.g. eleven, twelve... count, count (up) to, count on (from, to), count back (from, to), is the same as, more, less, odd, even, pattern	numeral, twenty-one, twenty-two...(to one hundred), none, forwards, backwards, count in ones, twos, fives, tens, equal to, equivalent to, most, least, many, multiple of, few, pair	one hundred, two hundred... (to one thousand), count in threes, fours... and so on, sequence, continue, predict, rule	count in eights (up to fifties) and so on (up to hundreds), factor of, Roman numeral, relationship	ten thousand, hundred thousand, million, count in sixes, sevens, nines... (up to twenty-fives) and so on... (up to hundreds), integer, positive, negative, above/below zero, minus, negative numbers, next	consecutive, divisibility, square number, prime number, ascending/descending order	factorise, prime factor, digit total
<b>Place Value</b>	ones, tens, digit, the same number as, as many as, more, larger, bigger, greater, fewer, smaller, less, fewest, smallest, least, most, biggest, largest, greatest, compare, order, size, first, second, third... (up to twentieth), last, last but one, before, after, next, between	equal to, half-way between, above, below, one more, one less	hundreds, one-, two- or three-digit, number, place, place value, stands for, represents, exchange, twenty-first, twenty-second...(and so on), > greater than, < less than	one hundred more, one hundred less	one thousand more, one thousand less	$\geq$ greater than or equal to, $\leq$ less than or equal to	

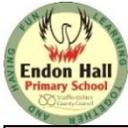


<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Addition/Subtraction</b></p>	<p>add, more, and, make, sum, total, altogether, double one more, two more... (up to ten more), how many more to make ...? how many more is ... than ...? how much more is ...? take away, how many are left/left over? how many have gone? how many fewer is ... than ...? how much less is ...? difference, between</p>	<p>addition, near double, half, halve, subtract, equals, is the same as, number bonds/pairs, missing number</p>	<p>one hundred more, one hundred less, number facts, tens boundary</p>	<p>hundreds boundary</p>	<p>inverse</p>	<p>tenths boundary</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"><b>Multiplication/Division</b></p>	<p>sharing, doubling, halving, number patterns</p>	<p>multiplication, multiply, multiplied by, multiple, division, dividing, grouping, array</p>	<p>groups of, times, once... twice... three times... (up to ten times), repeated addition, divide, divided by, divided into, share, share equally, left, left over, one each... two each, three each... (up to ten each), group in pairs, threes... (up to tens), equal groups of, row, column, multiplication table multiplication fact, division fact</p>	<p>factor, product, remainder</p>	<p>inverse</p>	<p>square, squared, cube, cubed</p>	

<p><b>Fractions (including decimals Y4-Y6)</b></p>	<p>parts of a whole, half, quarter,</p>	<p>fraction, equal part, equal grouping, equal sharing, one of two equal parts, one of four equal parts</p>	<p>equivalent fraction, numerator, denominator, two halves, two quarters, three quarters, one third, two thirds, one of three equal parts</p>	<p>sixths, sevenths, eighths, tenths...</p>	<p>hundredths, decimal, decimal point, decimal place, fraction/decimal, equivalent, proportion</p>	<p>proper/improper fraction, mixed number, equivalent fraction, simplify, thousandths, percentage/percent</p>	<p>ratio</p>
<p><b>Measurement</b></p>	<p>measure, size, compare, guess, enough, not enough, too much, too little, too many, too few, nearly, close to, about the same as, length, height, width, depth, short, tall, weigh, balances, heavy, light, scales, time, morning, afternoon, evening, night, before, after, next, hour, o'clock clock, watch, hands, money, coin, penny, pence, pound, price, cost, spend, spent</p>	<p>measurement, estimate, roughly, centimetre, metre, ruler, metre stick, kilogram, half kilogram, litre, half litre, more than, less than, quarter full, longer/longest, shorter/shortest, taller/tallest, higher/highest, quick/quicker/quickest, slow/slower/slowest, full, empty, half full, minute, Monday/Tuesday etc, today, yesterday, tomorrow, half past, January/February etc, spring, summer, autumn, winter, weekend, month, year, earlier, later, midnight, first, date, how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes, usually, once, twice, total</p>	<p>measuring scale, further/furthest, tape measure, gram, millilitre, contains, temperature, degree, fortnight, 5/10/15... minutes past, digital/analogue, seconds, timer</p>	<p>approximately, millimetre, kilometre, mile, distance apart... between... to... from... perimeter, centigrade, century, calendar, earliest, latest, a.m./p.m., 12-hour clock time, 24-hour clock time</p>	<p>unit, standard unit, metric unit, breadth, edge, area, square centimetres (cm<sup>2</sup>),  mass: big, bigger, small, smaller  weight: heavy/light, heavier/lighter, heaviest/ lightest, measuring cylinder</p>	<p>imperial unit, square metre (m<sup>2</sup>), square millimetre (mm<sup>2</sup>), pint, gallon, discount, currency</p>	<p>yard, foot, feet, inches, inch, circumference, tonne, pound, ounce, 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>), Greenwich Mean Time, British Summer Time, International Date Line, profit, loss</p>



<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Geometry – properties of shape</p>	<p>shape, pattern, flat curved, straight, round, solid, sort, make, build, draw, size, bigger, larger, smaller, repeating pattern, match, 2-D shape, corner, side, rectangle (including square), circle, triangle, 3-D shape, face, edge, vertex, vertices, cube, pyramid, sphere, cone</p>	<p>symmetry, point, cuboid, cylinder</p>	<p>surface, line symmetry, rectangular, circular, triangular, pentagon, hexagon, octagon</p>	<p>perimeter, pentagonal, hexagonal, octagonal, quadrilateral, right-angled, parallel, perpendicular, hemisphere, prism, triangular prism</p>	<p>construct, angle, base, square-based, reflect, reflection, regular, irregular, 2 Dimensional, oblong, rectilinear, equilateral triangle, isosceles triangle, scalene triangle, heptagon, parallelogram, rhombus, trapezium, polygon, three-dimensional, spherical, cylindrical, tetrahedron, polyhedron</p>	<p>radius, diameter, congruent, axis of symmetry, reflective symmetry, x-axis, y-axis, quadrant, octahedron</p>	<p>circumference, net, intersecting, intersection, plane, dodecahedron, kite</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Geometry – position and direction</p>	<p>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, from, towards, away from, movement, turn, whole turn, half turn</p>	<p>underneath, centre, quarter turn, three-quarter turn, journey</p>	<p>route, higher, lower, clockwise, anticlockwise, right angle, straight line</p>	<p>compass point, North (N), South (S), East (E), West (W), horizontal, vertical, diagonal, angle, acute angle, obtuse angle.</p>	<p>North East (NE), North West (NW), South East (SE), South West (SW), translate, translation, rotate, rotation, degree, reflection, compass,</p>	<p>coordinate, protractor</p>	<p>reflex angle</p>



<b>Statistics</b>	Count, sort, group, set, list	Vote, table	Tally, graph, block graph, pictogram, represent, label, title, most/least popular, most/least common	Chart, bar chart, frequency table, Carroll diagram, Venn diagram, axis, axes, diagram	Survey, questionnaire, data	Line graph, maximum/minimum value, outcome	Pie chart, mean, statistics, distribution
<b>Algebra</b>							Formula, formulae, equation, unknown variable,



symbol	vocabulary				
<b>+</b>	add	plus	total	sum of	increase
<b>-</b>	take away	subtract	minus	difference	decrease
<b>x</b>	groups of	lots of	times	multiply	product
<b>÷</b>	group	share	share equally	divide	divided by
<b>=</b>	the same as	equals	equal to	leaves	balances
<b>&gt;</b>	greater than	more than	larger than	is bigger than	
<b>&lt;</b>	less than	fewer than	smaller than	is smaller than	

symbol	unit	length	symbol	unit	volume
<b>m</b>	metre	1 metre	<b>l</b>	litre	1 litre
<b>dm</b>	decimetre	1m = 10dm	<b>dl</b>	decilitre	1l = 10dl
<b>cm</b>	centimetre	1m = 100cm	<b>cl</b>	centilitre	1l = 100cl
<b>mm</b>	millimetre	1m = 1000mm	<b>ml</b>	millilitre	1l = 1000ml

prefix	means	example	prefix	means	example
<b>uni-</b>	1	unicycle	<b>hex-</b>	6	hexagon
<b>bi-</b>	2	bicycle	<b>hept-</b>	7	heptagon
<b>tri-</b>	3	triangle	<b>oct-</b>	8	octagon
<b>quad-</b>	4	quadrilateral	<b>non-</b>	9	nonagon
<b>pent-</b>	5	pentagon	<b>dec-</b>	10	decagon