



# HAYES MEADOW PRIMARY SCHOOL



## VOCABULARY PROGRESSION

### MATHEMATICS

EYFS	Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (position and direction)	Geometry (properties of shape)	Fractions	Reasoning and problem solving
	number, zero 1-20 count on/back lots, more, few, fewer, compare, sort, order, before, after, less, many, most, the same as, ones, first, second, third...twentieth, odd, even, number line, 10s frame, part/whole	add, more, altogether, takeaway, subtract, one more, one less, equals, equal to, double, half, how many? make, total, answer, digit, check, number bonds	times, counting in ones, twos, fives, tens, lots of, groups of, once, twice, five times, sharing, share, set, group, left, left over, pattern	days of the week, week, month, year, weekend, birthday, holiday, morning, afternoon, evening, night, midnight, bedtime, dinnertime, playtime, today, yesterday, tomorrow, before, after, next, last, now, soon, early, late, quick, fast, slow, old, new, watch, clock, always, never, first, size, weight, capacity, time, money long, longer, longest, short, shorter, shortest, heavy, light, empty, full, tall, small, large, thick, thin, low, deep, ruler, far, near, holds, container, weigh, weighs, coin, pound, pence, cost, money, penny, buy, sell, pay, price, how many?	direction, position, distance, after, before, in, on, inside, under, on top of, behind, next to, above, below, top, bottom, side, outside, around, underneath, in front, front, back, before, middle, up, down, forwards, backwards, across, close, far, along, to, from, slide, roll, turn, stretch, bend, move, left, right.	shape, group, sort, round, flat, straight, curved, make, build, draw square, circle, triangle, cube, cuboid, sphere, repeated pattern	double, half, whole	listen, join in, say, think, imagine, remember, start from, start with, start at, look at, point to, put, place, fit, change, split, carry on, what comes next? find, choose, collect, use, make, build, tell me, pick out, talk about, explain, show me read, write, finish, copy, colour, tick, cross, draw, draw a line between, join (up), ring, arrow, cost, count, work out, answer, fill in, check, in order, every, each.

KS1	Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (position and Direction)	Geometry (properties of shape)	Fractions	Statistics	Reasoning and Problem Solving
	20-100 count (on/up/to/from/down), least, fewest, smallest, greater, lesser, equal to, odd, even, ones, tens, ten more/less, digit, numeral, figure(s), compare (In) order/a different order, size, value, between, halfway between, above, below numbers to one hundred, hundreds, partition, recombine, hundred more/less, represents, exchange, sequence, > greater than < less than	addition, plus, sum, greater, inverse, near double, halve, is the same as, (including equals sign), difference between, how many more to make..?, how many more is...than..?, how much more is..? subtract, minus, how many fewer is...than..?, how much less is..?, missing number, pictorial representation, mental, mentally, written method,	odd, even, count in twos, fives, tens, (forwards from/backwards from), how many times?, multiple of, multiply, multiply by repeated addition, array, row, column, halve, share equally, group in pairs, threes, etc. equal groups of, divide, divided by, count in multiples of 3,	Seasons: Spring, Summer, Autumn, Winter, quicker, quickest, quickly, faster, fastest, slower, slowest, slowly, older, oldest, newer, newest, takes longer, takes less time, hour, o clock, half past, hands, how long ago? how long will it be to...? how long will it take to...? how often? often, sometimes, usually, once, twice, second, third etc, estimate, close to, about the same as, just over/under, too many/few, not enough, enough. spend, spent, change, dear(er), costs more, costs less, cheaper, costs the same as, how much? quarter past/to, fortnight temperature (degrees) m/cm, g/kg, ml/l	over, beside, opposite, apart, between, edge, centre, corner, direction, journey, sideways, near, through, towards, away from, movement, whole turn, half turn, rotation, clockwise, anticlockwise, straight line, ninety degree turn, right angle.	pyramid, cone, cylinder, hollow, solid, corner (point, pointed) face, side, edge. smaller, symmetrical, line of symmetry, fold, match, mirror line, reflection, vertices, vertex, pentagon, hexagon, octagon, circular, triangular, right angle.	whole, equal parts, four equal parts, one half, two halves, a quarter, two quarters, three quarters, one third, a third, equivalence, equivalent.	count, tally, sort, vote, graph, block graph, pictogram, represent group, set, list, table label, title most popular, most common, least popular, least common.	arrange, rearrange, change over, separate, continue, repeat, describe, explain, record, trace, complete, shade, same number(s)/different number(s)/missing number(s) number facts, same way, different way, best way, another way, in a different order, not all, estimate, predict, describe the pattern, describe the rule, find, find all, find different, investigate, reasoning, prove it

<b>LKS2</b>	<b>Number and Place Value</b>	<b>Addition and Subtraction</b>	<b>Multiplication and Division</b>	<b>Measure</b>	<b>Geometry (position and Direction)</b>	<b>Geometry (properties of shape)</b>	<b>Fractions</b>	<b>Statistics</b>
	numbers to 1,000, tenths, hundredths, numeral, decimal places, round (to nearest 10, 100) thousand, more/less, positive, negative integers count through zero Roman numerals I to C, consecutive	column addition and subtraction, inverse	count in multiples of 4, 8 and 11, product, scale up, count in multiples of 6, 7, 9, 12, 25, 50, 100, inverse, derive division facts, commutativity, divisor, dividend, rules of divisibility, factor, remainder	leap year, twelve-hour/24-hour clock, 5,10,15...minutes to/past, am/pm, century Roman numerals, mm, convert, noon, leap year, date of birth, km, mile, centigrade, timetable, arrive, depart, approximately	greater/less than 90 degrees orientation (same orientation, different orientation), north, south, east, west, north-east, north-west, south-east, south-west, co-ordinates, translation, translate, quadrant, x-axis, y-axis,	horizontal, vertical, diagonal, perpendicular and parallel lines, perimeter hemi-sphere, prism, semi-circle, area, net, rectilinear, adjacent quadrilaterals: (rhombus, parallelogram, trapezium, trapezoid, kite), heptagon, polygon, tetrahedron, polyhedron, cylindrical. triangles (isosceles, scalene, equilateral) right angle, acute angle, obtuse angle	numerator, denominator, unit fraction, non-unit fraction, compare and order, equivalent fractions and decimals, decimal point, decimal fraction, hundredths, sixths, sevenths, eighths, tenths...	chart, bar chart, frequency table, Carroll diagram, Venn diagram, axis, axes, diagram, continuous data, line graphs, survey, questionnaire

<b>UKS2</b>	<b>Number and Place Value</b>	<b>Addition and Subtraction</b>	<b>Multiplication and Division</b>	<b>Measure</b>	<b>Algebra, Ratio and Proportion</b>	<b>Geometry (position and Direction)</b>	<b>Geometry (properties of shape)</b>	<b>Fractions</b>	<b>Statistics</b>
	powers of 10, numbers to 1,000,000, Roman numerals I to M, numbers to 10,000,000, formula, ascending order, descending order, digit total,	order of operations	count in multiples for all tables up to 12x12, factor pairs, composite numbers, prime numbers, prime factors, square number, cubed number, order of operations, common factors, common multiples, factorise	Volume, concave, convex breadth imperial units/metric units, inches, pounds, pints, gallon, currency, ounce, tonne, square meters, square centimetres	algebra, algebraically, express, ratio, proportion, linear, number of sequences, substitute, variables, symbol, known values	four quadrants	reflex angles, dimensions, regular/irregular polygons, octahedron, circumference, radius, diameter, arc, congruent, dodecahedron, intersect	proper fractions, improper fractions, mixed numbers, percentage, degree of accuracy, simplify, thousandths, simplest form	average, mean, median, range, pie chart, construct, database