

Holy Cross Maths Vocabulary

In the EYFS, we are not restricted to a given list of vocabulary as our curriculum is balanced between children's interests and adult directed learning. The vocabulary that we use changes on a daily basis to suit the children's interests. We spend a considerable amount of time in continuous provision with our children and could not limit our language to this list. We endeavour to use a rich and extensive vocabulary as Communication and Language is at the forefront of our curriculum, for this reason we may use words that are highlighted in later year groups but this is acceptable practice in the EYFS

Number and place value

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| | Nursery 1 | Nursery 2 | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| | Nursery 1 | Nursery 1 plus... | Nursery 2 plus... | Reception plus... | Year 1 plus... | Year 2 plus... | Year 3 plus... | Year 4 plus... | Year 5 plus... |
| | Numbers names 1 to 5 and more if required count big bigger little smaller tall taller | in front of' and 'behind'. Numbers 1 to 10 and more as required. more than fewer than First Last Then Next | COUNTING number names to twenty and beyond zero, ten, twenty... none how many...? count, count (up) to count on (from, to) count back (from, to) count in ones, twos... tens... more, less, many, few odd, even every other how many times? pattern, pair guess how many, estimate nearly, close to, about the same as just over, just under too many, too few, enough, not enough COMPARING AND ORDERING NUMBERS the same number as, as many as Of two objects/amounts: greater, more, larger, bigger less, fewer, smaller Of three or more objects/amount | COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES PLACE VALUE AND ORDERING units, ones, tens, exchange, digit, 'teens' number, equal to, eleventh... twentieth, half-way between, roughly, ESTIMATING roughly, | COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES two hundred... one thousand, threes, fours, fives... tally, multiple of, sequence, continue, predict, rule PLACE VALUE AND ORDERING Hundreds, one-, two- or three-digit number, place, place value stands for, represents exchange, twenty-first, twenty-second... ESTIMATING exact, exactly, round, nearest, round to the nearest ten | COUNTING, PROPERTIES OF NUMBERS AND NUMBER SEQUENCES Hundreds, relationship PLACE VALUE AND ORDERING one hundred more, one hundred less ESTIMATING approximate, approximately, round (up or down) | PLACE VALUE, ORDERING AND ROUNDING thousands ten thousand, hundred thousand, million, four-digit number, numeral, > greater than, < less than, one thousand more/less, round to the nearest hundred integer, positive, negative above/below zero, minus PROPERTIES OF NUMBERS AND NUMBER SEQUENCES next, consecutive, sort, classify, property, | PLACE VALUE, ORDERING AND ROUNDING \geq , greater than or equal to \leq , less than or equal to ascending/descending order, \approx , is approximately equal to round to the nearest thousand PROPERTIES OF NUMBERS AND NUMBER SEQUENCES formula, divisibility, square number one squared, two squared... (12, 22...) | PLACE VALUE, ORDERING AND ROUNDING PROPERTIES OF NUMBERS AND NUMBER SEQUENCES square number one squared, two squared... (12, 22...) prime, prime factor |

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| | | | <p>s: greatest, most, biggest, largest least, fewest, smallest one more, ten more one less, ten less compare order size first, second, third... tenth last, last but one before, after next between above, below</p> | | | | | | |
| <p>Number: Addition and subtraction</p> | <p>How many More Different</p> | <p>Altogether Add Take away Total Same as</p> | <p>add, more, and make, sum, total altogether score double one more, two more, ten more... how many more to make... ? how many more is... than...? take (away), leave how many are left/left over? how many have gone? one less, two less... ten less... how many fewer is... than...? difference between is the same as</p> | <p>CALCULATIONS ADDITION AND SUBTRACTION</p> <p>Plus, near double, how much more is...?, -, subtract, minus, how much less is...? half, halve, =, equals, sign,</p> | <p>ADDITION AND SUBTRACTION</p> <p>addition, one hundred more, subtraction, one hundred less, tens boundary</p> | <p>ADDITION AND SUBTRACTION</p> <p>hundreds boundary</p> | <p>ADDITION AND SUBTRACTION</p> <p>Increase, decrease, inverse</p> | <p>ADDITION AND SUBTRACTION</p> <p>units boundary, tenths boundary</p> | <p>ADDITION AND SUBTRACTIO N</p> |

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| <p style="text-align: center;">Number: Multiplication and division</p> | <p>Lots More</p> | <p>Share More than</p> | <p>Double Odds Evens</p> | | <p>MULTIPLICATION AND DIVISION</p> <p>lots of, groups of ×, times, multiply, multiplied by, multiple of, once, twice, three times... ten times... times as (big, long, wide... and so on), repeated addition, array, row, column double, halve, share, share equally, one each, two each, three each..., group in pairs, threes... tens, equal groups of, ÷, divide, divided by, divided into, left, left over</p> | <p>MULTIPLICATION AND DIVISION</p> <p>multiplication, product, division, remainder.</p> | <p>MULTIPLICATION AND DIVISION</p> <p>factor, quotient, divisible by, inverse</p> | <p>MULTIPLICATION AND DIVISION</p> | <p>MULTIPLICATI ON AND DIVISION</p> |
| <p style="text-align: center;">Number: Fractions</p> | <p>Share split</p> | | <p>Odds Evens</p> | <p>FRACTIONS</p> <p>part, equal parts fraction one whole one half, one quarter</p> | <p>FRACTIONS</p> <p>part, equal parts fraction one whole one half, two halves one quarter, two... three... four quarters</p> | <p>FRACTIONS</p> <p>one third, two thirds, three thirds one tenth</p> | <p>FRACTIONS AND DECIMALS</p> <p>Eighth, sixth, fifth, twentieth, in proportion, in every, for every decimal, decimal fraction, decimal point, decimal place</p> | <p>FRACTIONS, DECIMALS, PERCENTAGES, RATIO AND PROPORTION</p> <p>proper/improper fraction mixed number, numerator, denominator equivalent, reduced to, cancel, sixth, ninth, twelfth, hundredth, ratio, to every, as many as, percentage, per cent, %</p> | <p>FRACTIONS, DECIMALS, PERCENTAGE S, RATIO AND PROPORTION</p> <p>thousandth</p> |

Measurement

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| | <p>high low tall taller</p> | <p>length weight</p> | <p>MEASURES (GENERAL) measure size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under LENGTH length, width, height, depth long, short, tall high, low wide, narrow deep, shallow thick, thin longer, shorter, taller, higher... and so on longest, shortest, tallest, highest... and so on far, near, close MASS weigh, weighs, balances heavy/light, heavier/lighter, heaviest/lightest balance, scales, weight CAPACITY full half full empty holds container TIME time days of the week: Monday, Tuesday...</p> | <p>MEASURES (GENERAL) roughly, LENGTH metre ruler, metre stick MASS CAPACITY TIME seasons: spring, summer, autumn, winter, month, year, weekend, midnight, fastest, half past, how long ago?, how long will it be to...?, how long will it take to...?, how often? always, never</p> | <p>MEASURES (GENERAL) Measuring scale, about LENGTH further, furthest, near, metre (m), centimetre (cm) tape measure MASS kilogram (kg), half-kilogram, gram (g) CAPACITY Capacity, contains, litre (l), half-litre, millilitre (ml) TIME months of the year: January, February..., fortnight, minute, second, quarter to, quarter past, digital/analogue clock/watch, timer</p> | <p>MEASURES (GENERAL) Division, approximately LENGTH distance apart/between, distance to... from... kilometre (km), mile MASS CAPACITY TIME century calendar, date am, pm MONEY</p> | <p>MEASURES (GENERAL) Measurement, unit, standard unit, metric unit, imperial unit LENGTH Breadth, edge, perimeter, millimetre (mm). MASS mass: big, bigger, small, smaller CAPACITY pint container, measuring cylinder AREA area, covers, square centimetre (cm²) TIME leap year, millennium, date of birth, noon, timetable, arrive, depart</p> | <p>MEASURES (GENERAL) LENGTH MASS CAPACITY Gallon AREA square metre (m²) square millimetre (mm²) TIME 24-hour clock, 12-hour clock</p> | <p>MEASURES (GENERAL) LENGTH Circumference, yard, feet, foot, inches, inch MASS tonne, pound (lb), ounce (oz) CAPACITY centilitre (cl), AREA TIME Greenwich Mean Time, British Summer Time International Date Line</p> |
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| | | | day, week birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands | | | | | | |
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Geometry:
Properties of shapes

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| shape | <p>flat curved straight round arch pattern repeat stripes pointy cross blobs circle rectangle triangle cube cuboid cylinder sphere sides corners 3 dimensional 2 dimensional</p> | <p>EXPLORING PATTERNS, SHAPE AND SPACE shape, pattern flat curved, straight round hollow, solid corner face, side, edge, end sort make, build, draw 3D SHAPES cube pyramid sphere cone 2D SHAPES circle triangle square rectangle star PATTERNS AND SYMMETRY size bigger, larger, smaller symmetrical pattern repeating pattern match</p> | <p>SHAPE AND SPACE point, pointed 3D SHAPES Cuboid, cylinder 2D SHAPES</p> | <p>SHAPE AND SPACE Measuring scale, about, surface 3D SHAPES 2D SHAPES Circular, rectangular, triangular, pentagon, hexagon, octagon PATTERNS AND SYMMETRY line of symmetry fold, mirror line, reflection</p> | <p>SHAPE AND SPACE right-angled vertex, vertices layer, diagram 3D SHAPES Prism, hemi-sphere 2D SHAPES Semi-circle, pentagonal, hexagonal, octagonal quadrilateral PATTERNS AND SYMMETRY</p> | <p>SHAPE AND SPACE Line, construct, sketch, radius, diameter, net angle, base, square-based, regular, irregular concave, convex open, closed 3D SHAPES 3D, 3D, three-dimensional, spherical, cylindrical tetrahedron, polyhedron 2D SHAPES 2D 2D, two-dimensional, equilateral triangle, isosceles triangle, oblong, heptagon, polygon. PATTERNS AND SYMMETRY line symmetry, reflect, translation</p> | <p>SHAPE AND SPACE Congruent 3D SHAPES 3D octahedron 2D SHAPES 2D scalene triangle PATTERNS AND SYMMETRY axis of symmetry, reflective symmetry</p> | <p>SHAPE AND SPACE circumference, concentric, arc, intersecting, intersection, plane, tangram 3D SHAPES 3D dodecahedron 2D SHAPES 2D Rhombus, kite, parallelogram, trapezium</p> |
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| <p style="text-align: center;">Geometry: Position and direction</p> | <p>in out</p> | <p>Under Heavy Light Full Empty Nearly Almost</p> | <p>POSITION, DIRECTION AND MOVEMENT position over, under above, below top, bottom, side on, in outside, inside around in front, behind front, back before, after beside, next to opposite apart between middle, edge corner direction left, right up, down forwards, backwards, sideways across close, far, near along through to, from, towards, away from movement slide roll turn stretch, bend</p> | <p>POSITION, DIRECTION AND MOVEMENT Underneath, centre, journey, whole turn, half turn</p> | <p>POSITION, DIRECTION AND MOVEMENT Route, higher, lower, clockwise, anti- clockwise, quarter turn, right angle, straight line</p> | <p>POSITION, DIRECTION AND MOVEMENT map, plan, ascend, descend, grid, row, column, compass point, north, south, east, west (N, S, E, W), horizontal, vertical, diagonal, angle, ...is a greater/smaller, angle than.</p> | <p>POSITION, DIRECTION AND MOVEMENT origin, coordinates north-east, north- west, south-east, south-west (NE, NW, SE, SW) horizontal, vertical, diagonal movement slide, roll whole turn, half turn, quarter turn, rotate angle, ...is a greater/smaller angle than right angle degree straight line stretch, bend ruler, set square angle measurer, compasses</p> | <p>POSITION, DIRECTION AND MOVEMENT parallel, perpendicular x-axis, y-axis quadrant, rotation, acute, obtuse, protractor,</p> | <p>POSITION, DIRECTION AND MOVEMENT reflex</p> |
| <p style="text-align: center;">Statistics</p> | <p>Count More Lots Same</p> | | | | <p>ORGANISING AND USING DATA count, tally, sort, vote graph, block graph, pictogram represent group, set same, different list, table label, title most popular, most common least popular, least common</p> | <p>HANDLING DATA chart, bar chart, frequency table Carroll diagram, Venn diagram, axis, axes diagram</p> | <p>HANDLING DATA survey, questionnaire, data, tally chart</p> | <p>HANDLING DATA database, line graph, bar line chart PROBABILITY fair, unfair likely, unlikely, likelihood certain, uncertain probable, possible, impossible chance, good chance poor chance, no chance risk, doubt</p> | <p>HANDLING DATA mean, average, median statistics, distribution PROBABILITY: equally likely, equal chance, even chance, fifty-fifty chance, biased, random.</p> |

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| Problem solving | Build Money | capacity – full, empty | <p>SOLVING PROBLEMS</p> <p>REASONING ABOUT NUMBERS OR SHAPES pattern puzzle answer right, wrong what could we try next? how did you work it out? count, sort group, set match same, different list</p> <p>PROBLEMS INVOLVING 'REAL LIFE' OR MONEY compare double half, halve pair count out, share out left, left over money coin penny, pence, pound price cost buy sell spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much...? how many...? total</p> | <p>SOLVING PROBLEMS</p> <p>MAKING DECISIONS AND REASONING number sentence sign, operation</p> <p>MONEY</p> | <p>SOLVING PROBLEMS</p> <p>MAKING DECISIONS AND REASONING calculate, calculation mental calculation jotting correct symbol</p> <p>MONEY pound (£), bought, sold</p> | <p>SOLVING PROBLEMS</p> <p>MAKING DECISIONS AND REASONING Method, equation,</p> <p>MONEY Note, more/most expensive, less/least expensive, amount, value, worth</p> | <p>SOLVING PROBLEMS</p> <p>MAKING DECISIONS AND REASONING</p> <p>MONEY</p> | <p>SOLVING PROBLEMS</p> <p>MAKING DECISIONS AND REASONING strategy</p> <p>MONEY Discount, currency</p> | <p>SOLVING PROBLEMS</p> <p>MAKING DECISIONS AND REASONING</p> <p>MONEY profit, loss</p> |
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| General | Listen How many Blocks Lego Numecon Number line Clock Measuring tape | Spirit level Scales | INSTRUCTIONS Listen, join in, say, think, imagine, remember, start from, start with, start at, look at, point to, show me, put, place, fit, arrange, rearrange, change, change, over, split, separate, carry on, continue, repeat, what comes next?, find, choose, collect, use, make, build, tell me, describe, pick out, talk about, explain, show me, read, write, trace, copy, complete, finish, end, fill in, shade, colour, tick, cross, draw, draw a line, between, join (up) ring, cost, count, work out, answer, check, GENERAL same number/s, different, number/s, missing number/s, number facts, | INSTRUCTIONS Record arrow GENERAL abacus | INSTRUCTIONS Recite, predict, describe the pattern, describe the rule, find all, find different, investigate, decide, name, discuss, explain your method, explain how you got your answer, give an example of... GENERAL number pairs, number bonds, hundred square, number grid, geo-strips | INSTRUCTIONS show your working, interpret, sketch, investigate, question GENERAL greatest value, least value | INSTRUCTIONS construct, justify, make a statement, plot, GENERAL pin board | INSTRUCTIONS Bisect, identify, reasoning, convert GENERAL spinner | INSTRUCTION S adjusting, adjust GENERAL identical |
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| | | | number, line, number track, number square, number cards, counters, cubes, blocks, rods, die, dice dominoes, pegs, peg board, same way, different way, best way, another way in order, in a different order not all, every, each | | | | | | |
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