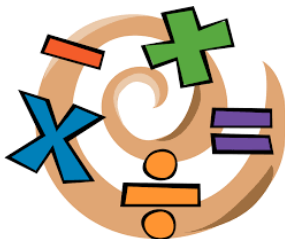




Vocabulary an Eynesbury Mathematician must know



	Numbers and Calculations	Fractions	Measures	Geometry	Statistics
RECEPTION	<p>Number; zero; numbers to 20; count, forwards, backwards; how many, more, fewer, equal, group; order, largest, smallest, less; even, odd, pattern, subitise.</p> <p>One more, one less, altogether, how many are left? Same, different, number bond, part-whole, add, take-away Double, half, twice as many, share, equal, unequal, group, left over</p>	<p>Half</p>	<p>Now, before, soon, later, after, next, fastest; time, yesterday, today, tomorrow, day, week, weekend, month, year; Days of the week, Seasons: Morning, afternoon, evening, night, midnight bedtime, dinner/lunch time, playtime; length, height, breadth, tall, short, long, tallest, shortest, longest, longer/shorter, taller/shorter, wider/narrower, weigh, weight, heavy, heavier, heaviest, light, lighter, lightest, balance</p>	<p>Shape: Shape, circle, triangle, rectangle, square, side, straight, curved, cylinder, cube, cuboid, cone, sphere, pyramid, face, same, different, pattern.</p> <p>Position and Direction: On, next to, over, under, around, through.</p>	
YEAR 1	<p>As in previous year, plus:</p> <p>Numbers to 100; place value; digit, integer; symbol; compare; equal to, more, less, greater than, fewer than, less than, greatest, smallest; first, second, third...last; ones, tens, partition, exchange; order, largest, smallest, biggest, least, most, sequence</p> <p>Number bonds, part, whole; plus; fact family, inverse, number sentence; how many more; number line; commutative; addition, more, make, sum, total, add together, altogether;</p>	<p>As in previous year, plus:</p> <p>Whole, parts, equal parts, the same; split; groups; share; equally; quarter; four equal parts One half, two halves A quarter, two quarters</p>	<p>As in previous year, plus:</p> <p>Length, measure, measuring; ruler, cm; mass; balance, scale; volume, full, half full, quarter full, empty; capacity; holds, Container; money; value; coin; note; amount; 1p, 2p, 5p, 10p, 20p, 50p, £1, £2, £5, £10; hour, o'clock, half past, clock, watch, hands; hour, minute, second; before, after</p>	<p>As in previous year, plus:</p> <p>Shape: Pentagon, Hexagon, Polygon, 2D, 3D, group, sort, corner (point, pointed) Face, side, edge</p> <p>Position: Turn, full, half, quarter, three quarter; direction; movement, move; position; left, right, up, down; top, bottom, middle, above, below, between; in front, behind.</p>	

	<p>calculation; Inverse equals, is the same as (including equals sign); subtract, take away, minus; difference between, what is the difference? how many more?, how many less? how much more is? how many fewer is?, how much less is? How many altogether? groups, equal, unequal row, column, array; share,</p> <p>Addend, sum, minuend, subtrahend, difference</p>				
YEAR 2	<p>Numbers and Calculations</p> <p>As in previous years, plus:</p> <p>2-digit, Hundreds Partition, recombine, place holder, Bar model; operation, inverse operation; column; exchange; bridge; method; Times-table; facts; multiples; repeated addition; lots of; of; multiply; multiplied by; times; commutative; twos, fives, tens, threes; array; go into; divide, divide between, division, dividing; grouping, sharing;</p> <p>Multiplicand, multiplier, product, dividend, divisor, quotient</p>	<p>Fractions</p> <p>As in previous years, plus:</p> <p>Two quarters, three quarters, one third, two thirds; unit fraction, numerator, denominator, equivalence, equivalent.</p>	<p>Measures</p> <p>As in previous years, plus:</p> <p>Change, total; distance; metres; g/kg; ml/l; temperature, thermometer, degrees Celsius, increase, decrease, warmer, colder; quarter past/to, 5 past, 10 past, twenty to etc, start, duration, end, interval, how long...? When did it start /end/finish...?, seconds;</p>	<p>Geometry</p> <p>As in previous years, plus:</p> <p>Shape: Heptagon, octagon, quadrilateral; prism; vertices, vertex; rotate; Symmetry, symmetrical, line of symmetry; horizontal, vertical; Fold.</p> <p>Position and Direction: Direction, forwards, backwards; right angle; rotation, Clockwise, anticlockwise.</p>	<p>Statistics</p> <p>Count, tally, tally chart, table; data, represent, sort; pictogram, symbol; block diagram, axis; label, title, scale; most popular, most common, least popular, least common; Venn diagram, Carrol diagram.</p>
	<p>Numbers and Calculations</p> <p>As in previous years, plus:</p> <p>Numbers to one thousand; 3-digit; thousand; ascending, descending; Column, column addition and subtraction; regroup; efficient; estimate. Fours, eights; remainder; divisor, dividend, quotient.</p>	<p>Fractions</p> <p>As in previous years, plus:</p> <p>Non-unit fraction; tenths, two tenths, three tenths etc; two thirds; fifth, sixth, ninth; decimal, decimal point;</p>	<p>Measures</p> <p>As in previous years, plus:</p> <p>mm; perimeter; leap year; minutes past/to; a.m., p.m.; analogue, digital; twelve-hour /twenty-four- hour clock; Roman numerals I to XIII</p>	<p>Geometry</p> <p>As in previous years, plus:</p> <p>Shape: Nonogon, decagon, Parallel, perpendicular; surface; acute angle, obtuse angle.</p> <p>Position and Direction:</p>	<p>Statistics</p> <p>As in previous years plus:</p> <p>Chart, bar chart; frequency table, Carroll diagram, Diagram</p>
YEAR 3					

				North, South, East, West; angle, point, acute, obtuse; ninety degrees Orientation (same orientation, different orientation)	
YEAR 4	Numbers and Calculations	Fractions, Decimals	Measures	Geometry	Statistics
	As in previous years, plus: Numbers to ten thousand; Roman numerals to one hundred; round, nearest; approximately; negative, minus, count through zero; produce, product; associative law; commutativity; factor, factor pair; formal method;	As in previous years, plus: Proper fraction, improper fraction, mixed number; tenths, hundredths, 0.25, 0.5, 0.75.	As in previous years, plus: Km; area, square centimetres;	As in previous years, plus: Shape: Isosceles, scalene, equilateral; rhombus, parallelogram, trapezium; regular polygon; mirror line, reflect. Position and Direction: Coordinates, translation, first quadrant, x-axis, y-axis.	As in previous years, plus: Continuous data, discrete data; line graph, x-axis, y-axis.
YEAR 5	Numbers and Calculations	Fractions, Decimals and Percentages	Measures	Geometry	Statistics
	As in previous years, plus: Numbers to a million; Roman numerals to one thousand; powers of 10. Common factor, prime number, composite number, prime factor, square number, cubed number; round up/down.	As in previous years, plus: Common denominator; thousandth; simplify, simplified; convert; per cent,	As in previous years, plus: Imperial units, metric units, inches, lbs, pints; timetable; compound shape; volume, capacity, cm cubed/cubic cm.	As in previous years, plus: Shape: Degrees, protractor, reflex angle; irregular polygon, dimensions; net. Position and Direction: Reflection, reflect.	As in previous years, plus: Mean, pie chart.
YEAR 6	Numbers and Calculations	Fractions, Decimals and Percentages	Measures	Geometry	Statistics
	As in previous years, plus: Numbers to ten million. Algebra: Function, input, output; algebra, algebraic, rule; expression; substitute; formula, formulae; equation; value, possible values.	As in previous years, plus: Cancel, highest common factor, common numerator. Ratio, proportion; for every_there are_ :(to); enlargement, scale factor.	As in previous years, plus: Tonnes, ounces, stone, miles.	As in previous years, plus: Vertically opposite (angles), internal angles; circumference, radius, diameter, centre. Four quadrants.	As in previous years, plus: Median, mode

	Order of operations, common multiple, lowest common multiple.				
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