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| **C:\Users\Michael\Documents\My Webs\Curriculum\Buttons & images\EYFSjigsaw.pngCurriculum Overview for Maths** | |
| **Year six**   * **Place Value –** compare and order to ten million, round, negative numbers * **Addition and Subtraction –** multi step problems, estimate, negatives * **Multiplication and Division –** formal, long multiplication and division * **Fractions –** four rules, compare, number lines, simplify, mixed numbers * **Decimals–** multiply and divide, place value, order, thousandths * **Percentages –** percentage of an amount, equivalent to fractions, decimals * **Algebra –** rules, substitutions, formulae, equations, pairs of values * **Statistics –** line graphs, circles, pie charts, mean * **Shape and Measure -** converting units, parallelograms, triangles, volume | **EYFS**   * Have a deeper understanding of numbers to 10, including the composition of each number. * Recognise numbers without counting up to 5 (subitising) * Explore and represent patterns with numbers up to 10. * Automatically recall number bonds up to 5, including subtraction facts and some number bonds. * Compare quantities up to 10 in different contexts. * Recognise and name some 2D and 3D shapes. * Have some understanding and awareness of time, length, capacity and mass. |
| **Year one**   * **Place Value –** Number within 100 * **Addition and Subtraction –** to 20 * **Multiplication and Division** – 2s, 5s, 10s, groups and arrays * **Measurement –** Compare height and length, introduction to cm * **Measurement –** Compare weight and volume, non-standard units * **Geometry –** recognise 2D and 3D shapes, make patterns * **Geometry** – position and direction, describe movements |
| **Year five**   * **Place Value –** numbers to 100,000, Roman Numerals, negatives, rounding * **Addition and Subtraction –** multi step problems, estimating,inverse * **Multiplication and Division –** multiples, primes, factors, 10,100,1000 * **Fractions –** add, subtract, multiply, fractions of quantities, mixed numbers * **Decimals and Percentages –** 2 DP, decimals as fractions, percentages * **Statistics –** line graphs, tables, 2 way tables,timetables, problems * **Perimeter and area –** calculate, rectilinear and compound shapes * **Geometry –** angles, protractors, regular and irregular polygons * **Measurements and shape –** converting units, volume |
| **Year two**   * **Place Value –** counting in 2s. 5s, 10s, 3s; count objects to 100. * **Addition and Subtraction –** crossing ten, bonds to 100 * **Multiplication and Division –** 2s, 5s, 10s, tables, groups and arrays * **Money –** find total and difference, count amounts of money * **Statistics –** tallies, pictograms, block diagrams * **Fractions –** half, quarter, third **Length and Height –** cm, metres – compare, order * **Geometry –** properties of shape, describe position and turn   **Year three**   * **Place Value –** Compare and order numbers to 1000, use number lines * **Addition and Subtraction –** use 3 digit numbers crossing 10 and exchange * **Muptiplication and Division** – 2,4,8,times; times 2 digits by 1 digit, formal methods * **Money –** pounds and pence, add and subtract, problem solving * **Statistics –** tallies, pictograms, bar charts – 2s, 5s, 10s * **Fractions –** equivalents; **plus time, length, mass, capacity** – units, problem solving |
| **Year four**   * **Place Value –** number lines, rounding, partitioning up to 10,000 * **Addition and Subtraction –** up to10,000 with exchange; estimating * **Multiplication and Division –** divide by 10 and 100, all tables, formal * **Decimals –** round, order, write, compare, halves and quarters * **Money –** problems, change, convert units, * **Time –** 24hr, 5 minute intervals, analogue to digital and vice versa * **Fractions –** unit and non, adding, fractions greater than 1, tenths * **Statistics –** charts, line graphs, comparison, sum, difference * **Measure –** area (non-standard), **Shape –** lines and angles |
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