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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.
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| **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
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|  **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
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| **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
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| **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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