## Key Vocabulary Tracker

Maths

| Formal Curriculum |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Class | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
| 1 and 2 | Leamington | Place <br> Value/Fractions: <br> - Partition thousands, hundreds, tens, ones <br> - Numerals and words <br> - Roman Numerals I, V, X <br> - Unit fraction and non-unit fraction <br> - Numerator and denominator <br> - Half, quarter, third | 4 Operations: <br> - Add and subtract <br> - Multiply and divide <br> - Thousands, hundreds, tens and ones <br> - Exchange and boundary <br> - Times tables <br> - Estimate and check | Geometry: <br> Side, Vertices /Vertex <br> - Faces, edges, vertices/apex <br> Horizontal and vertical <br> Line of symmetry <br> - Right angle <br> - Symmetrical figure | Measures: <br> - Convert <br> - Units of measure <br> - Area and perimeter <br> - squared <br> - Temperature <br> - Length, mass, capacity | Time and money: <br> - Coins and notes <br> - Pounds and pence <br> - Amount and change <br> - Minute, Hour and Second <br> - Start and end time <br> - Minutes past and minutes to | Statistics: <br> - Interpret data <br> - Represent data <br> - Scale <br> - Bar chart <br> - Horizontal and vertical format <br> - Survey |
| $\begin{gathered} 1 \text { and } \\ 2 \end{gathered}$ | Hampden | Place Value <br> /Fractions and Decimals: <br> - Power of ten <br> - Roman Numerals I, V, X, C <br> - Negative numbers and rounding <br> - Fraction, decimal, decimal point | 4 Operations: <br> - Add, subtract, multiply, divide Exchange and boundary Estimate and approximate Factors and multiples <br> - Short and long | Geometry: <br> - Triangles isosceles, equilateral, scalene, right angled Quadrilaterals - rhombus, trapezia, parallelogram | Measures: <br> - Metric and imperial units <br> - Convert <br> - Units of time, length, mass, capacity <br> - Area and perimeter <br> - Rectilinear and | Ratio, proportion and algebra: <br> - Fraction and percentage $\qquad$ parts in every $\qquad$ <br> - Ratio and Proportion <br> - Scale factor | Probability and Statistics: <br> - Probability <br> - Impossible, Unlikely, Likely, Certain, Equal chance <br> - Interpret, represent |

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|  |  | - Improper fraction <br> - Mixed number | methods of multiplication and division Order of operations | - Parallel and perpendicular Angle - right angle, obtuse, acute, reflex <br> - Protractor <br> - Coordinate and quadrant | compound shapes <br> Volume - <br> Length, width, height | - Function machine Expression and equation | and analyse data <br> - Averages median, mean, mode, range <br> - Line graph <br> - Pie chart |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} 1 \text { and } \\ 2 \end{gathered}$ | Oval, Wembley, Silverstone | Place Value and Calculations: <br> man numerals - I, V, L, <br> C, M <br> tition - millions, ten <br> pusands, thousands, <br> ndreds, tens, ones <br> d, subtract, multiply, <br> ide <br> timate and check <br> mmon factors and <br> mmon multiples <br> me numbers, squared <br> nbers and cubed <br> nbers | Geometry: <br> gular and irregular ngruent mmetrical, parallel, pendicular gles-acute, right, ruse, straight line, flex ansformation flect, translate, ate adrant, co-ordinate, ind $y$ axis | Ratio, proportion and rates of change: <br> actions and centages tio uivalent and ıplify nvert ale factor eed, distance, time | Measures: <br> its of measure hvert imeter, area, ume ctilinear, compound, mposite tric and imperial asures ssing and unknown ue | Algebraic <br> Thinking: <br> quence and pattern edict, continue and pe <br> action machine e step and two step ration pression verse operation | Probability and Statistics: <br> bability scale dian, mode, mean, ge <br> ble, list and prganised data igram, chart and aph <br> aw, construct and alyse ta collection, presentat-ion and provement |
| 1 | Functional Skills <br> Entry 1, Entry 2, Entry 3 | Place value and number: <br> - Counting forwards and backwards <br> - Tens and ones <br> - More and less <br> - Partition | 4 Operations: <br> - Add and subtract Multiply and divide <br> - Number bonds \& fact families | Geometry: <br> - 2d shape (flat shape) <br> - 3d shape (solid shape) <br> - Faces, edges, vertices/vert | Number: <br> - Pound and pence <br> - Change <br> - Amount <br> - O'clock and half past | Measures: <br> - Length and height <br> - Mass and weight <br> - Capacity <br> - Equipment | Statistics: <br> - Carroll <br> Diagram <br> - Venn diagram <br> - Sort and organise <br> - Pictogram |



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|  |  |  |  | angle, acute, obtuse, reflex <br> - Coordinate rotate, reflect, translate |  |  | mode, median, range, mean <br> - Collect and represent data |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Functional Skills Level 1 | Place value/Fractions, decimals and percentages: <br> - Powers of ten, indices, standard form <br> Rounding significant figures <br> Fractions, decimals, percentages Decimal point one decimal place, two decimal places etc. <br> - Fraction - part and whole, improper fraction, mixed number <br> - Convert, equivalence | Calculations and Properties of Number: <br> - Add, subtract, multiply and divide <br> - Factors and multiples <br> - Integers and decimals <br> - Powers and roots <br> - Laws of indices <br> - Lower bound and upper bound | Geometry and Constructions: <br> - Construction protractor, compass, bisect <br> - Vector <br> - Parallel and perpendicular <br> - Plan and elevation <br> - Angle interior and exterior angles <br> - Congruent | Ratio, proportion and algebra: <br> - Percent <br> - Direct and inverse proportion <br> - Ratio <br> - Expand, Factorise and simplify <br> - Expression and Equation <br> - Substitute |  <br> Measures: <br> - Gradient and y intercept <br> - Perimeter and Area <br> - Rectilinear and Compound <br> - Pythagoras and Trigonometry <br> - Circumference, Diameter and Radius <br> - Volume and Surface Area | Probability and Statistics: <br> - Probability certain, impossible, likely and unlikely <br> - Relative frequency <br> - Averages mode, median, range, mean <br> - Grouped and ungrouped data <br> - Population and sample <br> - Outlier |
| 1 | GCSE <br> (Wimbledon) | The number system: <br> - Calculator and non-calculator | Calculations and Properties of Number: | Geometry and Constructions: <br> - Perimeter, | Ratio, proportion and measures: <br> - Compound | Algebra: <br> - Inequalities <br> - Gradient | Probability \& Statistics: <br> - Laws of |

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Maths


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| Semi-Formal Curriculum |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Class | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
| $1 \text { and }$ $2$ | Trent Bridge | Counting/+ and -: <br> - Counting forwards <br> - Counting backwards <br> - Add <br> - Subtract <br> - Partition Tens and ones | $x$ and $\div /$ Fractions: <br> - More and less <br> - Equal groups <br> - Group and share <br> - Odd and even <br> - Half and quarter Turn | Geometry: <br> - Up, down, left, right <br> - Forwards and backwards <br> 2d shape and 3d <br> shape <br> - Symmetry <br> - Side, Vertices <br> /Vertex <br> Face, Edge, <br> Vertices | Measures: | Time and money: <br> - Time: days, months, yesterday, tomorrow before and after <br> - o'clock, hour, minute <br> - Money: pound, pence <br> - Value, change Amount, represent | Statistics: <br> Sort and group Carroll diagram Pictogram tallies Venn diagram Block diagram |
| 1 | Aintree | Place Value <br> - Partition <br> - Numerals and words <br> - Place value <br> - Order <br> - Compare | Counting: + and - <br> - Counting forwards <br> - Counting backwards <br> - Add <br> - Subtract <br> - Partition <br> - Tens and ones | Geometry <br> - Up, down, left, right <br> - Forwards and backwards <br> - 2d shape and 3d shape <br> - Symmetry <br> - Side, Vertices | Measures <br> - Length: longer, shorter, equal to <br> - Metres and centimetres <br> - Mass: heavier, lighter, equal to | Time \& Money <br> - Time: days, months, yesterday, tomorrow <br> - before and after <br> - o'clock, hour, minute <br> - Money: pound, | Statistics <br> - Sort and group <br> - Carroll diagram <br> - Pictogram <br> - Tallies <br> - Venn diagram <br> - Block diagram |

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|  |  |  |  | - Face, Edge | - Kilograms and grams <br> - Capacity: full, empty, half full | pence <br> - Value, change <br> - Amount, represent |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Ascot $\dagger$ | Place value and number <br> Counting forwards and backwards Tens and ones More and less Partition Half and quarter Fraction | Calculations <br> Add and subtract <br> Multiply and divide <br>  <br> fact families <br> Equal groups and arrays <br> Double <br> Half | Geometry <br> 2d shape (flat shape) <br> 3d shape (solid shape) <br> Faces, edges, vertices/vertex, side <br> Symmetrical Mirror line Turn | Time and Money <br> Pound and pence <br> Change <br> Amount <br> O'clock and half past <br> Quarter pas $\dagger$ and quarter to Minutes past and minutes to | Measures <br> Length and height <br> Mass and weight <br> Capacity <br> Equipment <br> Scale <br> Temperature | Statistics <br> Carroll Diagram <br> Venn diagram <br> Sort and organise <br> Pictogram <br> Block diagram <br> Tally |

Revisited - greater depth/ to ensure a secure understanding in more in-depth contexts as pupils progress with their development of knowledge and understanding.

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