## St George's Central CE Primary School and Nursery

## Progression of Maths Vocabulary

| Nursery | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Numbers to five <br> Numbers to 10 <br> None <br> Zero <br> How many? <br> Count in ones and twos <br> Same as <br> More <br> Few <br> Pattern <br> Larger/ bigger <br> Fewer/ smaller/ less <br> Order <br> Size <br> First, second, third <br> Last <br> Before/ After <br> Next | Guess <br> Nearly <br> Enough Not enough <br> Add <br> Make <br> Altogether <br> Take away <br> Fewer | Whole Half | Size Long/ Short Tall/ Small High/ Low Thick/ Thin Longer/shorter/taller... Longest/shortest/tallest... Heavy/ Light Heavier/heaviest... Lighter/lightest... Scales Full/ Empty/ Half full Time Days of the week Birthdays Morning/ Afternoon Evening/ Night Today/ Yesterday/ Tomorrow Now/ Soon Clock Buy/ Sell Spend/ Pay | Shape Pattern Straight Round Sort Make Build Draw Size Match Corner Side Rectangle Square Cirlce Triangle Over/ Under Top/ Bottom/ Side On/ In Outside/ Inside Around/ In front/ Behind Next to Up/ Down Forward/ Backwards Sideways | Count <br> Sort |

'Never settle for less than your best'

| Reception | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Numbers to twenty Count in twos, fives and tens. <br> Pattern Pair Ones Tens Digit Greater Fewer/ Less <br> Compare/ Order Size <br> First/ Second/ Third to Tenth Last Between | Guess <br> Nearly <br> Close to <br> Over <br> Under <br> Enough <br> Not enough <br> Add <br> Make <br> Total <br> Altogether <br> Double <br> Take away <br> Left over <br> Fewer <br> Difference <br> Sharing <br> Doubling <br> Halving | Part of Whole Half Quarter | Size Compare Metre Length/ Height/ Width Long/ Short Tall/ Small Narrow/ Wide High/ Low Thick/ Thin Longer/shorter/taller... Longest/shortest/tallest... Far/ Close/ Near Weigh Weight Balance Heavy/ Light Heavier/heaviest... Lighter/lightest... Scales Full/ Empty/ Half full Holds Container Time Days of the week Birthdays Morning/ Afternoon Evening/ Night Today/ Yesterday/ Tomorrow Now/ Soon Earlier/later Quick/ quickest Slow/ slowest Old/der/oldest New/newer/newest Hour O'clock Clock Watch Hands Money Coin Penny/pence/pound Price/ Cost Buy/ Sell Spend/ Pay Min | Shape Pattern Flat Curved Straight Round Hollow Solid Size Repeat Match Corner Side Rectangle Square Cirlce Triangle Position Over/ Under Above/ Below Top/ Bottom/ Side On/ In Outside/ Inside Around/ In front/ Behind Front/ Back Beside/ Next to Opposite Together/ Apart Between Middle/ Edge/ Corner Direction Lefft/ Right Up/ Down Forward/ Backwards Sideways | Count Sort Group Set List Recognise Describe Draw |

'Never settle for less than your best'

| Year 1 | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Odd Even Numeral Numbers to 100 Forward/ Backward Equals/ Equal to Equivalent Most Least Many Half-way Roughly Once Twice Place Value | Estimate Total Sum Addition Near double Near half/ Halve Subtract Pairs Number bonds Multiplication Division Grouping Array Mentally Show me Explain | Fraction <br> Equal parts <br> Equal groups <br> Equal sharing <br> One of two equal parts One of four equal parts | Depth <br> Centimetre <br> Ruler <br> Metre stick <br> Kilogram <br> Litre <br> Capacity <br> Volume <br> Months <br> Weekend <br> How long? <br> Always <br> Never <br> Often <br> Sometimes Usually <br> Half past <br> Quarter past/ to <br> Clock face <br> Hour/ Minute hand Hours/ Minutes Change | Face Edge Vertex/Vertices Cube Pyramid Sphere Cone Symmetry Symmetrical patterns Point Cuboid Cylinder Centre Quarter turn Half turn | Vote Table |
| Year 2 | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
|  | ```One/Two/Three hundred... Thousand Sequence Continue Predict Rule Greater than (>) Less than (<) One/Two/Three digits Represent Exact/Exactly``` | Multiple <br> 2,5,10 times table <br> Exchange <br> Hundred more/ less Facts <br> Boundary <br> Groups/ Lots of <br> Times/ Multiply <br> Repeated addition Divide <br> Left over <br> Row <br> Column <br> Multiplication/ Division fact Describe rule Investigate <br> Mental calculation <br> Written calculation Carry | Equivalent fraction <br> Mixed number Two halves Two/ Three quarters Thirds Three equal parts | Scale <br> Further/ Furthest Gram Millilitre <br> Degrees (temperature) <br> Fortnight <br> 5/10/15 minutes past... <br> Digital <br> Analogue <br> Seconds | Surface Line symmetry Rectangular Circular Triangular Pentagon Hexagon Octagon Journey Route Clockwise Anti-clockwise Right angle Straight line Degrees (right angle) | Tally <br> Graph <br> Block graph <br> Pictogram <br> Label <br> Title <br> Most/ Least popular <br> Most/ least common |

'Never settle for less than your best'

| Year 3 | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Count in multiples Relationship Roman Numeral Approximate Round <br> Nearest 10/100 <br> Round up/down Hundred more/ less | Factor Hundred boundary Product Remainder | Numerator Denominator Fifths/Sixths... | Millimetre Kilometre Mile Distance to/ from Perimeter Century Centigrade Calendar AM/PM $12 / 24$ hour | Pentagonal/Hexagonal... Quadrilateral Right-angled Parallel Perpendicular Sphere Hemisphere Prism Triangular prism Compass Point North/South/East/West Greater/Smaller (angles) Acute Obtuse | Chart <br> Bar chart <br> Frequency table Carroll diagram Venn diagram Axis/axes Diagram Statement |
| Year 4 | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
|  | Ten thousand Hundred thousand 6,7,9 times table Count in 25 s Consecutive Integer Positive Negative <br> Above/Below zero Minus <br> Negative number Thousand more/ less | Inverse Square numbers Squared Justify | Hundredth Decimal Decimal fraction Decimal point Decimal place Proportion | Unit <br> Standard/non-standard <br> Metric <br> Breadth <br> Edge <br> Square centimetres <br> Mass <br> Weight <br> Measuring cylinder Leap year Millenium <br> Date of Birth | Line Construct Sketch Centre Base Square-based Reflect Reflection Regular/Irregular 2-Dimensional 3-Dimenional Equilateral triangle Heptagon Parallelogram Rhombus Trapezium Polygon Spherical/ Cylindrical North East/South West... Translate/ Translation Rotate/Rotation Angle measure/ Protractor | Timetable <br> Arrive <br> Depart <br> Survey <br> Questionnaire Data |

'Never settle for less than your best'

| Year 5 | Place Value | Four Operations | Fractions | Measurement | Geometry | Statistics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Million Factor pair Greater than or equal to $(\geq)$ Less than or equal to $(\leq)$ Formula Ascending Descending Ones boundary Tenths boundary | Cube numbers Cubed Divisibility Prime number | Proper/Improper Equivalent to Reduced by Simplify Cancel down Thousandths In every/ For every... Percentage | Imperial Square metre Squre millimetre Pint Gallon Discount Currency | Isoceles triangle Scalene triangle Tetrahedron Polyhedron Radius <br> Diameter <br> Congruent <br> Quadrants <br> Reflective symmetry $\begin{aligned} & x \text {-axis } \\ & y \text {-axis } \end{aligned}$ <br> Octahedron <br> Coordinates Kite <br> Reflex angle | Database Bar line chart Line graph Maximum/ Minimum value Outcome |
| Year 6 | Place Value | Four Operations | Fractions (and Algebra) | Measurement | Geometry | Statistics |
|  | Ten millions Hundred millions Digit total | Factorise Prime factor Long / short division | Ratio <br> Formulae Equation Unknown Value Variable | Yard/Foot/Inch... <br> Circumference <br> Tonne/Pound/Ounce... Centilitre <br> Cubic centimetres/litres... <br> Date lines/ Time zones | Concentric Arc Net (Open/ Closed) Intersect Dodecahedron Missing angle | Pie chart Mean Distribution |

