## Year 5/6 Maths Long Term Plan - Autumn



## Year 5/6 Maths Long Term Plan - Spring



## Year 5/6 Maths Long Term Plan - Summer

| Week | 1 | 2 | 3 | 4 | 5 |  | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Measurement-converting units <br> Convert between different units <br> km and $\mathrm{m} ; \mathrm{cm}$ and $\mathrm{m} ; \mathrm{cm}$ and $\mathrm{mm} ; \mathrm{g}$ <br> and kg : I and ml ] <br> Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3dp. Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. <br> Convert between miles and <br> kilometres. <br> Solve problems involving <br> converting between units of time. <br> Use all four operations to solve problems involving measure [ for example, length, mass, volume, including scaling. <br> Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. |  | Geometry- <br> position and <br> direction <br> Identify, <br> describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. | Geometry-Properties of Shapes and Angles <br> Identify 3D shapes, including cubes and other cuboids, from 2D representations. Use the properties of rectangles to deduce related facts and find missing lengths and angles. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. <br> Draw given angles, and measure them in degrees (o) Draw 2-D shapes using given dimensions and angles. Identify: angles at a point and one whole turn (total 3600 ), angles at a point on a straight line and $1 / 2$ a turn (total 1800) other multiples of 90 o Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. |  |  |  | Statistics <br> Solve comparison, sum and difference problems using information presented in a line graph. Interpret and construct pie charts and line graphs and use these to solve problems. <br> Complete, read and interpret information in tables including timetables. <br> Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius. Calculate the mean as an average. |  | Revisit Areas for Development, particularly Y5 R+Ps, ensure secure for next year. <br> Transition work for Secondary school for Y6s |  |  |  |
|  | Y5 5NPV - 5 | Y6 |  | $\begin{aligned} & y_{5} \\ & 5 G-1 \end{aligned}$ |  | $\begin{aligned} & y_{6} \\ & 6 G-1 \end{aligned}$ |  |  |  |  |  |  |  |
|  | Y5 Sum 1 Multiply | by $10,100,1000$ |  | Y6 Sun Ratio c |  |  |  | Y5 S Meas |  |  | Y6 Su Measu |  |  |

