## Bishop Stopford's School

Curriculum Map Year 8

|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{2}{5} \\ & \frac{3}{4} \\ & \frac{1}{5} \\ & \frac{1}{5} \end{aligned}$ | 1 Number <br> 2 Area and volume | 3 Statistics, graphs and charts 4 Expressions and equations | 5 Real-life graphs 6 Decimals and ratio | 7 Lines and angles | $\begin{array}{\|l\|} \hline 8 \text { Calculating with fractions } \quad 9 \\ \text { Straight-line graphs } \end{array}$ | 10 Percentages, decimals and fractions |
|  | Multiply by multiplies of 10 , 100, 1000. <br> Column addition and subtraction Substitution. Know keywords such as congruent and perpendicular. Find the area and perimeter of rectangles | Know the total of angles in a circle. Be able to use a pair compasses. Use rulers and protractors to draw angles. Work out fractions of 360 . plot coordinates. Substituting into formulea. | Be able to convert between <br> metric units. Reading scales <br> Read large numbers. Identfiying <br> decimal place values. | Be able to indentify types of angles. Angles on a line. Angle facts for angle at a point; opposites angles; angle in a triangle. | Comparing fractions. Equivalent fractions. Finding the LCM of numbers. Multiplying numbers. | Knowing equivalent percentage for common fractions and decimals. |
|  | 1.1 Calculations <br> 1.2 Divisibility and division <br> 1.3 Calculating with negative integers <br> 1.4 Powers and roots <br> 1.5 Powers, roots and brackets <br> 1.6 Multiples and factors <br> 2.1 Area of a triangle <br> 2.2 Area of a parallelogram and trapezium <br> 2.3 Volume of cubes and cuboids <br> 2.4 2D representations of 3D solids <br> 2.5 Surface area of cubes and cuboids <br> 2.6 Measures | 3.1 Pie charts <br> 3.2 Using tables <br> 3.3 Stem and leaf diagrams <br> 3.4 Comparing data <br> 3.5 Scatter graphs <br> 3.6 Misleading graphs <br> 4.1 Algebraic powers <br> 4.2 Expressions and brackets <br> 4.3 Factorising expressions <br> 4.4 One-step equations <br> 4.5 Two-step equations <br> 4.6 The balancing method | 5.1 Conversion graphs <br> 5.2 Distance-time graphs <br> 5.3 Line graphs <br> 5.4 More line graphs <br> 5.5 Real-life graphs <br> 5.6 Curved graphs <br> 6.1 Ordering decimals and rounding <br> 6.2 Place-value calculations <br> 6.3 Calculations with decimals 6.4 Ratio and proportion with decimals | 7.1 Quadrilaterals 7.2 Alternate angles and proof 7.3 Angles in parallel lines 7.4 Exterior and interior angles 7.5 Solving geometric problems | 8.1 Ordering fractions <br> 8.2 Adding and subtracting <br> fractions <br> 8.3 Multiplying fraction <br> 8.4 Dividing fractions <br> 8.5 Calculating with mixed <br> numbers <br> 9.1 Direct proportion on graphs <br> 9.2 Gradients <br> 9.3 Equations of straight lines | $\begin{aligned} & \text { 10.1 Fractions and decimals } \\ & \text { 10.2 Equivalent proportions } \\ & \text { 10.3 Writing percentages } \\ & \text { 10.4 Percentages of amounts } \end{aligned}$ |
|  | Assessment at the end of every half term, mini assessments at the end of every unit. A feedback sheet will be afixed to the students books, while their assessments will be kept in a folder in the classroom. | Assessment at the end of every half term, mini assessments at the end of every unit. A feedback sheet will be afixed to the students books, while their assessments will be kept in a folder in the classroom. | assessment at the end of every half term, mini assessments at the end of every unit. Afeedback sheet will be afixed to the students books, while their assessments will be kept in a folder in the classroom. | Assessment at the end of every half term, mini assessments at the end of every unit. Afeedback sheet will be afixed to the students books, while their assessments will be kept in a folder in the classroom. | Assessment at the end of every half term, mini assessments at the end of every unit. Afeedback sheet will be afixed to the students books, while their assessments will be kept in a folder in the classroom. | Assessment at the end of every half term, mini assessments at the end of every unit. Afeedback sheet will be afixed to the students books, while their assessments will be kept in a folder in the classroom. |
|  | Core skills are reviewed as starters and set as homework to reinforce core knowledge | Core skills are reviewed as starters and set as homework to reinforce core knowledge | Core skills are reviewed as starters and set as homework to reinforce core knowledge | Core skills are reviewed as starters and set as homework to reinforce core knowledge | Core skills are reviewed as starters and set as homework to reinforce core knowledge | Core skills are reviewed as starters and set as homework to reinforce core knowledge |

