

## Long Term Overview KS4 GCSE Statistics

| GCSE Stats<br>Higher Tier | Term 1   | Term 2  | Term 3   | Term 4  | Term 5                     | Term 6       |
|---------------------------|--|---|--|---|----------------------------|--------------|
| No. Weeks                 | 7 Weeks  | 8 Weeks   | 6 Weeks  | 6 Weeks   | 6 Weeks                    | 6 weeks      |
| <b>Overview<br/>KS4</b>   | Planning a Strategy Ch 1<br>Scatter Diagrams Ch 11<br>Spearmans Rank Ch 11.2<br>Calculating Product Correlation Ch11.2<br>Sampling Ch 3 and 4<br>Equations of straight line graphs ch 11.2<br>Stem and Leaf Diagrams Ch 6.5<br>Mean Freq tables<br>Geometric Mean Ch 7.6 | Mean from Grouped Data ch 7.5<br>Cumulative Freq Ch 6.7<br>Box Plots Ch 8<br>Comparing Distributions Ch 8.1<br>Standard Deviation Ch 8.2<br>Variance Ch 8.2<br>Calculating S Dev Ch 8..2,8.3<br>Properties of Distributions Ch8.4 | Stats in Everyday life Ch 9<br>Chain Method Ch 9<br>Pie Charts Ch 6.2<br>Comparative Pie Charts Ch 6.2<br>Graphs Ch 6.1,6.3,6.4<br>Histograms Ch 6.6<br>Freq Polygons Ch 6.6<br>Time series graphs Ch 10.2 | Probability Ch 12.1,12.2,12.3,12.4 12.5<br>Venn Diagrams Ch 12.6<br>Tree Diagrams Ch 12.8<br>Conditional Probability<br>Moving Averages ch 10<br>Z graphs ch 10.3<br>Quality Assurance Ch 10.3<br>Calculating Averages from Histograms ch 6.6 | Revision and Exam Practice | Exam in June |