January Revision Lists Y10 – GCSE Statistics

You can use your own notes as well as available online resources to revise for your GCSE Statistics AP1 assessment. The potential topics that could appear as part of questions are listed below to support with your revision. Content primarily from Chapters 1, 2 and 3 of our scheme of learning will appear on the paper.

Topics to revise:

- Describing data
- Grouping data
- Primary and Secondary data
- Populations
- Petersen Capture-Recapture
- Random Sampling
- Non-random sampling
- Stratified sampling
- Collection of data
- Questionnaires and interviews
- Problems with collected data
- Controlling extraneous variables

- Using control groups and matched
- Hypotheses
- Designing investigations

- Tables
- Two-way tables
- Pictograms
- Bar charts
- Stem and leaf diagrams

- Pie charts
- Comparitive pie charts
- Population pyramids
- Choropleth maps
- Histograms
- Histograms with unequal class widths
- Frequency polygons
- Cumulative frequency charts
- Misleading diagrams
- Averages
- Averages from frequency tables

- Averages from grouped data
- Geometric and weighted mean

- Measures of dispersion for discrete data
- Measures of dispersion for continuous data
- Standard deviation
- Box plots and outliers
- Skewness