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| **YEAR GROUP** | **AUTUMN 1** | **AUTUMN 2** | **SPRING 1** | **SPRING 2** | **SUMMER 1** | **SUMMER 2** |
| **10** | ***SPECIFY THE PROBLEM & PLAN***  a. Data cycle  b. Hypothesis  c. Study design  d. Independent and dependent  e. Experimental methods  f. Data types | ***COLLECT THE DATA***  a. Sampling  b. Sampling methods  c. Capture & recapture  d. Primary and secondary data  e. Surveys and interviews  f. Questionnaires  g. Tally charts/tabulations  h. Misleading graphs | ***PROCESS, CONSTRUCT, DISPLAY & INTERPRET DATA***  a. Population pyramid  b. Choropleth maps  c. Two-way tables  d. Frequency tables  e. Measures of central tendency | ***PROCESS, CONSTRUCT, DISPLAY & INTERPRET DATA***  a. Stem and leaf  b. Bar charts  c. Pie charts  d. Comparative pie charts | ***PROCESS, CONSTRUCT, DISPLAY & INTERPRET DATA***  a. Cumulative frequency  b. Measures of location  c. Box plots  d. Skewness & Outliers | ***PROCESS, CONSTRUCT, DISPLAY & INTERPRET DATA***  a. Scatter graphs  b. Regression equation / line of best fit  c. Interpolation/ extrapolation  d. Spearman’s rank correlation coefficient  e. Pearson’s product moment |
| **11** | ***PROCESS, CONSTRUCT, DISPLAY & INTERPRET DATA***  a. Line graphs  b. Frequency polygons  c. Time series  d. Moving averages  e. Seasonal trends  f. Histograms  g. Measure of spread | ***PROCESS, CONSTRUCT, DISPLAY & INTERPRET DATA***  a. Normal distribution  b. Standardised scores  c. Quality assurance  d. Control charts  e. Index numbers  f. Rates of change | ***PROBABILITY DISTRIBUTION***  a. Experimental and theoretical probability  b. Relative risk  c. Tree diagram  d. Venn diagram  e. Permutations and combinations  f. Binomial distribution | ***INVESTIGATION***  Opportunity to work with real world data sets. | ***REVISION***  Exam style questions focusing on RAG rated topics  Exam papers | ***REVISION***  Exam style questions focusing on RAG rated topics  Exam papers |

**KEY STAGE 4 CURRICULUM STATISTICS**