

Exam Information Sheet

Year: 11 Subject: Statistics

When are exams being held for this subject?

Paper 1: Monday 12th June Afternoon

Paper 2: Monday 19th June Morning

Both papers 1.5 hours each and worth 80 marks each.

What topics will be examined?

Collecting data – Types of data, sampling methods, capture recapture, matched pairs, cleaning data, hypothesis, questionnaires.

Processing data – Mean, linear interpolation, standard deviation, geometric mean, weighted mean, PMCC, spearman's rank, average seasonal effect, IQR, interpreting data tables.

Representing data – Histograms, Scatter graphs, comparative pie charts, choropleth maps, stem and leaf, population pyramids, time series graphs, cumulative frequency, box plots.

Index numbers – CPI, RPI, chain base index numbers, birth and death rates, population statistics.

Probability – Venn diagrams, tree diagrams, conditional probability, binomial distribution, quality control charts and normal distribution.

Statistical enquiry cycle – how well can you interpret and evaluate a statistical method, drawing together all the knowledge from above.

What will be covered in lessons leading up to the exam?

Week Commencing	Lesson Content	Homework Focus
20 th March	Probability and binomial distribution	Statistics past paper
27 th March	Spearman's rank PMCC and scatter graphs	Statistics past paper
17 th April	Cleaning data, weighted averages and average seasonal effect	Statistics past paper
24 th April	Venn diagrams	Statistics past paper
1 st May	Revision	Statistics past paper
8 th May	Revision	Statistics past paper

Where can I access revision materials online?

Resource Name/Information	Link	Login Details
Online revision notes, videos and past exam questions grouped by topic.	https://www.statsacademy.co.uk/	N/A
GCSE Statistics past papers and mark schemes	https://www.mathsgenie.co.uk/statistics.html	N/A

Ensure you learn the formula for standardised score and finding radii of comparative pie charts.

When are revision sessions being held in school?

Weekly Session 6 (Day/Time): NA

Easter Holiday (Day/Time): Thursday 13th April 9:30-11am

Whitsun Holiday (Day/Time): Thursday 1st June 9:30-11am