

# Statistics work for Year 11s

The suggested work below is to give you an appreciation of the role of Statistics in society, and an insight of how to interpret data and make simple calculations.

We will not be assuming this knowledge when we begin the course, but this should give you confidence and a head start.

## **A) Royal Statistical Society (rss.org.uk)**

[rss.org.uk/training-events/training/stats-resources](https://rss.org.uk/training-events/training/stats-resources)

Select **Resources for Journalists**.

Take the **Statistics for Journalists course**. (Make sure that you have the sound switched on). When you have completed this, watch some of the 9 associated videos. In particular:

- Introduction (from 9:34)
- Infographics and Data
- Percentages and Risk
- Correlation and Causation
- Probabilities and Coincidences
- Averages and Summary (up to 6:00)

## **B) Open University free course**

**Exploring Data: Graphs and Numerical Summaries Level 1 (20 hours)**

<https://www.open.edu/openlearn/science-maths-technology/mathematics-statistics/exploring-data-graphs-and-numerical-summaries/content-section-0?active-tab=description-tab>

(This should not be taking you 20 hours!)

You can just go through the slides/go through the slides and complete the activities/ create an account and sign in - enrol and complete the course for a free statement of participation.

