

Yr 8 Maths assessment - Statistics

Due Thursday Week 9

You will use your data from your Science Fair Investigation to complete this assessment. You are required to submit the following :-

- Use Google sheets to plot your data using appropriate graph/s (Download and put on Google doc)
- Write an analysis, for your graphs commenting on features such as mean, mode, median, percentage comparisons, personal observations etc (On Google doc)
- Write a conclusion from your analysis or findings. (On Google doc)

Data display	You have chosen a question and attempted to draw graphs to organise and display data.	You have chosen a question and drawn graphs to organise and display data	You have chosen a question and presented your data using appropriate graphs (at least two appropriate displays are needed), giving summary statistics	You have chosen a question and presented your data using appropriate graphs (at least two displays are needed), with both tables and graphs having correct scales and labels
Data analysis	You have attempted to describe and analyse some part of a given data display	You have calculated averages and described most parts of a given data display	You have analysed the comparison in context by commenting on the features of the graph, discussing at least two features of distributions	You have clearly analysed the comparison in context by commenting on the features of the graph and answered your question with justification.

Communication and conclusion	You have yet to conclude and justify by considering the findings	You have attempted to conclude and justify by considering the findings	You have concluded and justified by considering the findings	Your conclusion is justified by considering and communicating findings, such as informal inference in a conclusion
Accuracy in writing	You have made errors in grammar, spelling and/or punctuation which are intrusive and affect meaning	You have made errors in grammar, spelling and/or punctuation which are intrusive at times, but the reader can infer meaning	You have made some errors, but minimal reader inference is needed as meaning is consistently clear	You have carefully edited your writing to ensure you have few (or no) intrusive errors, consequently meaning is consistently clear
Time Management	You have not submitted your assessment	You have not submitted your assessment by the due date	You have submitted your assessment by the due date	You have submitted your assessment by the due date
Overall	WORKING TOWARDS Curriculum expectation	Working AT curriculum expectation	Working ABOVE curriculum expectations	Working BEYOND curriculum expectation