

Welcome to your Further Mathematics summer task!

Your Further Maths summer task is in 2 parts. The Statistics element is designed to consolidate what you have been taught on Discrete and Continuous Random Variables through an end of topic assessment. The Pure element is designed to develop your independent study skills and requires you to self-teach Euler's Method.

Statistics Task: End of topic assessment

- Complete the end of topic assessment from the pdf document 'DRVs and CRVs'.

Pure Task: Differential Equations and Numerical Methods

- From the Full Alevel Kerbloodle textbook, read and make notes on page 666 - 673. Complete exercise 21.1A (pg 670) and exercise 21.1B (pg 672-673) answering all the questions from the exercises and marking your work.
- Read and work through the document 'Euler's Method Notes'.
- Complete the 4 questions in the 'Euler's Method Exercise'.
- Mark your questions using the solutions document, make sure you understand how to do your corrections.
- You can also refer to the chapter in the textbook on Euler's Method.
- Finally, following the work we have covered on first and second order differential equations, please continue to work on questions from pages 610 - 627.

Bring all your summer task work to each lesson the first week back in September.