BUDMOUTH ACADEMY
WEYMOUTH

Sixth Form Pre-Course Task - Core Maths

Welcome to Core Maths!

This is a two year course equivalent to half an A Level

The purposes of this qualification are to:
● consolidate and build on students' mathematical understanding, and develop further mathematical understanding and skills in the application of mathematics to authentic problems
● build a broader base of mathematical understanding and skills in order to support the mathematical content in other Level 3 qualifications, for example GCE A Level Biology, Business Studies, Economics, Computing, Geography, Psychology, BTEC Applied Science, Business, Health and Social Care, IT

KEY AREAS OF STUDY:

1. Application of Statistics
2. Probability
3. Linear Programming
4. Sequences and Growth

In preparation for you joining us in September, please complete the following pre-course task and Bridging the Gap booklet where you will have the opportunity to showcase your prior knowledge, skills and to outline your specific areas of interest within this subject area more widely.

**You can write your responses directly into the boxes provided or type your responses on a separate document.*

TASK 1: Tell us how this subject links to your future aspirations.
For example, this might be the career you'd like to enter into or the apprenticeship/university course you'd like to pursue.

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Useful website for careers guidance:

https://www.ucas.com/explore/search/courses?query=
https://www.ucas.com/careers-advice
https://findapprenticeshiptraining.apprenticeships.education.gov.uk/courses
https://uk.indeed.com/
https://nationalcareers.service.gov.uk/

Pre-course reading recommendations:

- https://www.youtube.com/@TLMaths Videos on topics within the course.

If you have any questions about this course or require any further information on the tasks set above, please contact Dr Stone

Please note that all pre-course tasks should be handed to your subject teacher by **Friday 11th September**, if these have been typed then please print them out before handing in.

We look forward to working alongside you and seeing all you can achieve on this course.