BUDMOUTH ACADEMY
WEYMOUTH

Sixth Form Pre-Course Task

Welcome to Engineering,

[Level 3 Alternative Academic Qualification Cambridge Advanced National in Engineering Extended certificate.]

In preparation for you joining us in September, please complete the following pre-course tasks 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.

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/

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TASK 2- Written task (word count 300 words): Investigate and write about one aspect of engineering you are interested in, or choose one of the areas below you find interesting.

Focus your study on the exciting technology, materials and 'positive spin off' this technology is having.

- Biomimetic.
- The thinking behind new aircraft design.
- The fastest sailing boat in the world.
- Robots that do useful things.
- Advances in medical engineering.
- Engineering and technology helping nature.

Use digital technology to present your work in an interesting clear style.
Do not print this task…**save resources** and email your engineering teachers your own thoughts (own words please, no cut and paste)

If you have any questions about this course or require any further information on the tasks set above, please contact either of the following-
mwalker@budmouth-aspirations.org
awalker@budmouth-aspirations.org

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.