

Engineering Department Revision Guide for Parents



Examination board details:

OCR Cambridge Nationals – Engineering Design, Engineering Manufacture and Engineering Systems & Control.

Coursework deadline 8th April 2023

Exam dates:

9th May – Engineering Design

23th May – Engineering Manufacture

13th June – Engineering system

In this subject the best way to revise is by:

60% of qualification is based on coursework grade (two units) – one has already been completed and set to the exam board. A lot of examination content is covered by the coursework. It is vital that all coursework is completed and to a good standard else you can't pass the qualification.

Use revision materials on google classroom along with past papers and mark schemes (below). Keep practicing questions and learn key words, processes and phrases.

I can help my child by:

Encouraging them to attend the after school catch up sessions on Monday, Tuesday and Thursday from 1600 – 1700.

Actively look at their google classroom for all engineering subjects with them – all work is set and marked on google classroom. You will see what they need to do to make progress.

On google classroom we also have our purpose made revision documents and online learning resources

Use these and the past papers and mark schemes below to embed knowledge and to understand what the questions are asking.

Useful web addresses and resources:

Manufacture past papers and mark schemes

<https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-manufacture-level-1-2-award-certificate-j832-j842/assessment/>

Design past papers and mark schemes

<https://www.ocr.org.uk/qualifications/cambridge-nationals/engineering-design-level-1-2-award-certificate-j831-j841/>

Systems past papers and mark schemes

<https://www.ocr.org.uk/qualifications/cambridge-nationals/systems-control-in-engineering-level-1-2-award-certificate-j833-j843/>

BBC Bitesize GCSE Engineering - <https://www.bbc.com/education/subjects/zmhg9j6>

Memrise - <https://www.memrise.com/course/650432/ocr-gcse-engineering-revision/>

Quizlet – engineering systems