

Welcome to Year 11 Engineering



The sky's the limit. Engineering is an increasingly innovative and exciting area to work in. It affects every aspect of modern life – from skyscrapers to smart phones, cars to carrier bags.

Within this subject we will be exploring the possibilities of Engineering materials, manufacturing processes and systems. We will conduct testing and evaluation with skill building investigation tasks, whilst looking at the impact of modern technologies on both Engineering and industry as a whole.

Assessment and Feedback:

Throughout the year, you will engage with various focused practical tasks and theory elements, as well as a final practical task that displays your skill and understanding. These practical tasks are coupled with class work and assignments to provide an overall grade.

At the end of each topic within the course, students sit a test that is then marked by the teacher and grading reviewed to ensure pupils have fully understood the topic. If the test shows a specific difficulty in an area, intervention is taken to resolve it.

The course is a 2 year GCSE, with 40% of the final grade being coursework and the other 60% exam at the end of the course.

Classwork

Pupils work in books, practically within workshops and also undertake focused practical sessions in which they will work on a specific skill/investigation to gain understanding.

Books are checked periodically by your teachers to ensure a good understanding of class work

Homework

Homework set throughout the year will include a range of tasks that include practice exam questions, work in extension to class projects/tasks, extended homework tasks and research.

Feedback is given as written feedback which is later recorded to Brightspace.

It is expected that homework is completed neatly (word processed or by hand) on A4 paper so that it can be stuck in your book, completed on the given worksheet or completed online using Brightspace if instructions to do so are given.

It is compulsory for pupils to complete all homework set. Should a pupil not understand the task set, it is their responsibility to discuss this with the teacher before the due date.

Specification

Please find links to the course specification, mark schemes and specimen papers below:

<http://www.aqa.org.uk/subjects/engineing/gcse/engineering-8852>

<http://filestore.aqa.org.uk/resources/engineing/specifications/AQA-8852-SP-2017.PDF>

<http://www.aqa.org.uk/subjects/engineing/gcse/engineering-8852/assessment-resources>