



ENGINEERING



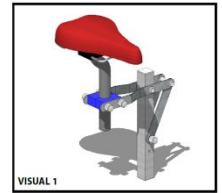
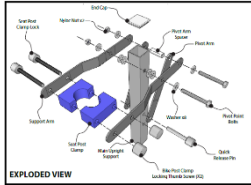
WJEC LEVEL 1/2 VOCATIONAL AWARD IN ENGINEERING (TECHNICAL AWARD)

This qualification is made up of 3 units:

Unit 1: Manufacturing engineering products

Unit 2: Designing engineering products

Unit 3: Solving engineering problems



Unit 1 involves producing a manufactured product, which is worth 40% of the qualification.

The product will need to be developed over 20 hours and completed by **Christmas 2023**

Unit 2 is worth 20% of the qualification.

Here you apply your problem-solving skills to answer a brief and produce a design solution using CAD and Technical Drawing skills.

Your solution will be developed over 10 hours and must be completed by **Easter 2024**.

There will be time to improve both units before the final submission in April.

Unit 3 will involve a single exam, worth 40% of your qualification.

The exam will last 1 hour and 30 minutes.

The exam will be made up of multiple-choice questions, and short and extended answers based on theory work and your experiences of working on Engineering products.

FIND OUT MORE:

Get the latest tips and advice on Instagram @wjecforstudents

SUBMISSIONS FOR UNITS 1: MANUFACTURING ENGINEERING PRODUCTS AND UNIT 2: DESIGNING ENGINEERING PRODUCTS

For the summer series 2024, all marks must be submitted via the Internal Assessment Mark Input System (IAMIS) and all requested samples must be with the designated moderator no later than the 3rd of May 2024.

It is recommended that this is all completed the week before (eg 22 April – one week after Easter).



Year 11 ENGINEERING (Technical Award)

Supporting your Child's Progress



Make achievement everyone's responsibility by...

Talking about their learning regularly.

Keeping track of upcoming assessments.

Creating a space to work that is free from distractions



Homework

Check that homework is completed on time.

You can connect to your child's Seneca account to see how they are progressing.

Draw up a plan and help them stick to it.



Reading at the heart of success

Encourage regular short and varied reading of the engineering knowledge organisers for each unit.

These are posted on google classrooms.

Encourage research by the reading of websites such as technologystudent.com



Revisit and Recall

Keep track of the tasks and projects your child is working on and ask about them every couple of weeks. This will help embed learning the long-term memory!

Ask them about:

Manufacturing processes they've used in the workshop.

Design and development ideas that they are thinking of.

Their knowledge and background research for processes and materials.

