

What skills will my child develop?

This course develops the generic and practical skills, knowledge and understanding and employability skills needed in an engineering sector.

It focuses on the four broad areas of:

- Mechanical and Fabrication
- Electrical/Electronic
- Maintenance
- Design and Manufacture

This allows the pupils to gain basic transferable skills that can be applied to any of the above engineering areas.

The Design and Manufacture Unit allows pupils the opportunity to apply their mechanical, electrical/electronic and maintenance skills to making and assembling the artefact in partnership with Ineos.

What will my child experience during the course?

The course provides a broad range of engineering experiences working with a range of partners including INEOS, Forth Valley College, ICE (The Institution of Civil Engineers) and the REME (Royal Electrical and Mechanical Engineers).

- Pupils gain further engineering experience for six days at the Royal Electrical and Mechanical Engineers at Grangemouth.
- Pupils gain further engineering experience for six half days within the Forth Valley College engineering department.

Each project will include a blend of classroom/workshop approaches including practical and experiential learning in real-life contexts; whole class learning; team working; visits.

There will also be collaborative learning approaches with pupils working in small groups and liaising with outside partners such as those mentioned above.

The learner will complete logs of their progress allowing them to reflect on their development of new and existing skills, and how they will apply these to the world of work.

Assessment

The course will be assessed through continual assessment based on the candidate's progress throughout each unit. As the focus of this course is on experiential learning, there is no grade provided, it is simply pass or fail.

Link to career pathways

The National 5 Engineering Skills Course has been designed to link broadly to National Occupational Standards, and the standards required of first-year apprentices in the Engineering Industry are broadly comparable with those in this Course.

This Course provides a useful preparation for employment or further training in the engineering industry.

- SVQs and Modern Apprenticeships in Engineering areas
- relevant programmes in Further Education colleges
- suitable training/employment