

The Programme

You will be joining an elite group of students who will work with a wide range of companies like Singer Instruments, Leonardo's, Yeo Valley, etc.

During the visits to employers you will get to meet staff at all levels and find out more about their roles and responsibilities and the day to day tasks that help with the running of their organisations. You will have the opportunity to explore routes to employment within the sector, the types of qualifications needed for different job roles and the skills and qualities employers look for when recruiting.

The aim of the programme is to give you an insight into the many different aspects of the Manufacturing profession. Each session will include a tour, a presentation and a range of practical activities and will be based at a different business establishment.

If you are interested in joining this Somerset TalentEd Academy, please let your tutor know or email Julie Young at:

jayoung@somerset.gov.uk

The Somerset TalentEd Academies are brought to you by:



Have you ever considered working in the Manufacturing Sector?

There are many opportunities for you if you enjoy designing and developing projects and ideas.

In this role, you would directly contribute to the running and development of the Manufacturing company you work with. Daily tasks may include:

- Planning and designing
- Setting up and modifying processes
- Monitoring the manufacturing process and making sure it works effectively.

Since Manufacturing is involved in many industries you can work in numerous sectors including biotechnology, food and drink, oil, pharmaceuticals, plastics, fashion, etc.

What does working in the Manufacturing Sector mean?

A Manufacturer is involved with the production of products. This could involve:

- Designing and testing products
- Operating machinery and equipment
- Developing ways of improving existing processes
- Researching and developing ways to generate new products and processes
- Preparing schedules of work, feasibility studies and cost estimates
- Keeping up to date with legislation
- Developing technical expertise
- Working in an office, laboratory or on-site.

What qualities & skills do you need to work in Manufacturing?

The following attributes will help you settle into a successful career in the Manufacturing sector:

- Ability to think creatively and be innovative, particularly when developing designs.
- Problem solving and analytical skills
- Ability to work as part of a team
- Communication skills
- Adaptability
- Dedication and Enthusiasm
- Able to work to deadlines and be self-motivated
- Attention to detail and methodical approach to work
- Organisation and time-management skills

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The 'How's it Made?' Advanced Manufacturing Academy will give you an opportunity to explore the diverse range of career and employment opportunities within the Manufacturing sector and to introduce you to the many different career related aspects of these incredible industries and the different steps within the manufacturing process which sees raw products transformed into finished products. This will include: design, research and development, product development, different production techniques, understanding of marketing, trading and purchasing, management, financial planning, sales, etc.

Manufacturing is the production of merchandise for use or for sale, using people, machines and tools and a huge range of different processes. Manufacturing includes a range of human activity from handicraft to high-technology as well as industrial production – where raw materials are transformed into finished goods on a large scale. These goods are then sold to customers or used to produce more complex products, such as aircraft, household appliances, furniture, sports equipment, clothes, food, ICT, automobiles, etc.