

The programme will give you information and insight into the many varied STEM Energy related jobs that will be needed throughout the duration of HPC. We will also give you help and support on choosing and appropriate training path to developing your STEM expertise and career, should that be something you choose to do.

The aim of the programme is to give you a practical insight and experience of the work of many of the companies working at HPC. Each session will include a tour of the facilities, a presentation and a range of practical activities and will be based at different companies involved in the projects.

We hope that you enjoy the programme and that it inspires you to consider a career in STEM Energy and becoming one of our Tomorrow's HPC workforce.

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 a STEM Energy Industry?

There are many opportunities available to you if you enjoy STEM subjects, designing and developing projects.

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

- Planning and preparing activities and materials
- Being part of the designing, developing and building technologies
- Carrying out site inspections and surveys
- Using mathematical and computer models to complete design and specification calculations
- Carrying out laboratory experiments and adapting them to large scale Industrial processes.

What does working in a Stem Energy Industry mean?

An Energy Engineer is involved with the production of energy and is focussed on finding efficient, clean and innovative ways of supplying energy. This could involve:

- Designing and testing machinery
- Operating machinery and equipment
- Developing ways of improving existing processes
- Researching and developing ways to generate new energy, reduce emissions and minimise environmental damage.
- 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 a STEM Energy Industry?

The following attributes will help you settle into a successful career in the Stem Energy Industry.

- An interest in Science, Technology and the environment.
- Initiative and ability to recognise emerging problems and pro-actively develop solutions
- IT Skills
- Good written and oral communication skills
- Scientific and mathematical ability
- Organisational and negotiation skills
- Good team working skills

The Programme

The Stem Academy programme will give you lots of information, experience and insight in to the numerous opportunities to work in a STEM related energy related career. Over the next 10 years there is going to be much demand for high quality workers at Hinckley Point C (HPC), so the schools in Somerset want to be proactive in growing the EDF workforce of tomorrow YOU!!

You will work with STEM industry businesses which will give you first-hand knowledge about the many different careers associated with the biggest infrastructure in Europe, skills that will be transferrable to many other opportunities and careers.

Contractors including Kier Bam, Lain O'Rourke, General Electrics, Costain and Somerset Larder are all working in the HPC project and they will be looking for workers in a vast range of trades including engineers, construction workers, logistics, project managers, catering staff, physicists, chemists, electricians, administrators, ICT specialists etc.