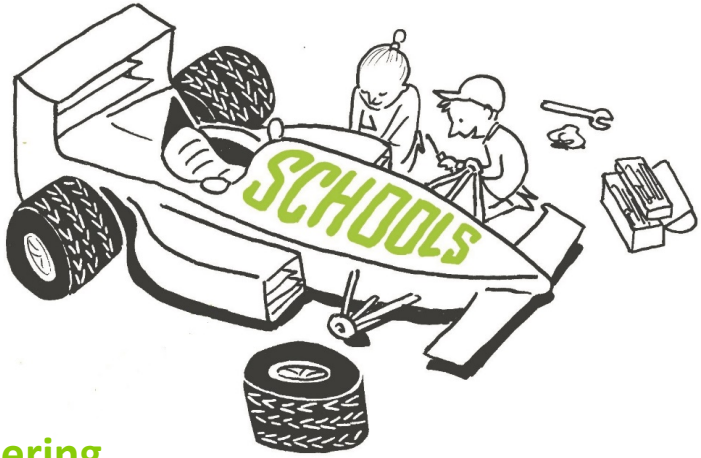
NMITE Connect – Linking Schools & Colleges to Employers



New Model in Technology & Engineering

A new model for a new era in higher education

New Model
in Technology & Engineering

Britain needs young men and women to seriously consider education and careers in Engineering.

For us to even begin to hope for this transition, young people need to know what engineering is all about.

To encourage children, and in particular girls, to study the sciences, technology, and maths that lead to further study and a career in engineering, we need to introduce them to first-hand engineering experiences.

Schools and business need to work together to make this happen.

NMITE will enable that connection.

AIMS

Our future is dependent on solving the global shortfall of engineers and scientists who are equipped to tackle today's challenges and opportunities. In the UK, there is a shortfall in the number of engineering and science students needed to fill this gap.

In Herefordshire schools, we know that teachers work hard to prepare students for the future and teach the subjects that will engage them in the prospect of studying engineering and science in the future.

We also know that great Herefordshire employers want to engage with schools – to provide experiences that will help students gain the skills they need for the future.

We want to help.

Great Teaching + Great Experiences =

A BETTER FUTURE FOR OUR CHILDREN

(and one with more engineers!)

OBJECTIVES

- To promote the study of engineering, science & technology subjects for all students, irrespective of race, gender or disability.
- To work with schools and teachers to understand their needs, and to develop strategies to support them in the teaching of science, technology & maths from Key Stage 1 right up to sixth form.
- To work with local employers to support what they have to offer to the local schools and colleges, to enhance engineering & other workplace experiences, and stimulate curiosity in students of all ages.
- To create a community partnership that raises the aspirations and abilities of local students to study engineering, technology & science subjects and excites them to become great future employees in Herefordshire and beyond!

NMITE Connect Opportunities

- School visits to employers
- Employer visits to schools
- Engaging keynote speakers visiting schools to talk about real world experiences of engineers and scientists
- Young engineers and scientists from local companies to support teachers
- Specific company/school partnerships
- Events and competitions to engage children in the process of invention and design

NMITE Connect

Working locally to create world-class students, engineers & employees

New Model in Technology & Engineering

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