

» Engineering Education Scheme (England)

The following organisations support the EESE

Autodesk

the BA crest awards

department for
education and skills
creating opportunity, releasing potential, achieving excellence

ACCESS
ORGANISATION

The Cadbury Charitable Foundation

GKN PLC

IChemE

ice
Institution of Civil Engineers

IET

I MECH E

ROYAL SOCIETY OF
MECHANICAL ENGINEERS

ROYAL AIR FORCE
RISE ABOVE THE REST

ROYAL NAVY
THE TEAM WORKS

Get in touch...

Engineering Education Scheme (England)

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» Engineering Development Trust

Engineering Education Scheme (England) is an activity of the Engineering Development Trust, together with Headstart and The Year in Industry. Registered Charity number 1002459. The schemes are members of the Royal Academy of Engineering's Best Programme.

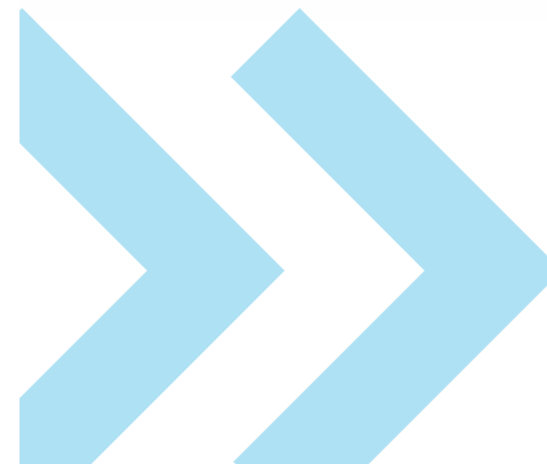
 The Royal Academy
of Engineering
Best Programme

» Engineering Education Scheme (England)

an EDT Programme



Information for
Companies/Organisations



» Engineering Education Scheme (England)

Not enough young people are choosing careers in engineering. Our future engineers need inspiring. **Can your company help?**

The EESE links engineering, applied science and technological companies with talented 16/17 year old students to solve real and live problems set by the companies. As a result of the EESE experience over 70% of the young people go on to read engineering or associated science degrees. 30% of the students are female and 18% are from ethnic minorities.

Participating in the EESE can bring multiple benefits to your company from cost effective project solutions (many EESE teams have saved companies tens and even hundreds of thousands of pounds) to high quality professional development of your young engineers. In addition, the Scheme can provide early access to high ability, potential graduate recruits.

88% of EESE students achieve 9 or more A*-C GCSE grades compared to the national average of 46%.

Benefits to Your Company

- » Potential financial savings from successful projects
- » Early contact and involvement with potential future graduate workforce
- » A raised profile within the community
- » Opportunities to assess companies own training and career structure
- » Development of project management skills in company graduate engineers
- » The opportunity to strengthen education/industry links and enhance teachers knowledge of engineering
- » Improvement in the quality of engineering students and graduates by encouraging enthusiasm at an early stage



How does the EESE work?

A team of 4 high ability sixth formers with their teacher from a local school/college will work with your engineer(s) for 6 months on a project chosen by your company. The Scheme starts in early autumn when the teams are selected and the project decided upon.

There is a formal Scheme Launch in October involving seminars and activities including team work, problem solving and project management.

In December or January the teams attend a 3 or 4 day university residential workshop where the project is progressed with the assistance of university personnel and resources.

The Scheme culminates in a high profile Celebration and Assessment Day in April or May when the projects are assessed by teams of eminent professional engineers.

Your Company Provides

- A suitable engineering project
- An engineer to act as a mentor to the team of 4 students
- An opportunity for the students to visit the company premises and see the problem in context
- Engineering mentor attendance at the launch, project development workshop and the Celebration and Assessment Day.

Students use a completely fresh approach to solving the problems, as they don't have any pre-conceived ideas or philosophies about the design, and this can often produce innovative solutions. Organisations such as the IEE also recognise my contribution as mentor on the Scheme, towards my professional development and Chartered Status.

Robin Sharphouse
(former EESE student)

Electronics Systems Engineer,
System Technologies Ltd

The experience of being the Engineer Tutor helped me as a young graduate to develop my people and project management skills.

David Blundell
(former EESE student)
Engineering Manager, Rugby Cement

What it Costs

- Company financial contribution towards each project.
- Engineer mentor attendance at all EESE events and regular contact with the team.

The Scheme is sure that this information will encourage you to support development of this country's future engineers.

If you can provide an engineering problem, sponsor an event and/or give a donation to help us meet our aims, contact us now:

T: 01707 393 323

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EESE provides a great experience for our engineers to get out of the workplace and be involved with the local schools and students. It is an opportunity for us to run a project to a set timeframe, but with definite deliverables, which ultimately will be of practical use in the workplace.

Sue Fowler

Group Employment Adviser, GKN PLC

