

ENGINEERING DEVELOPMENT TRUST

Encouraging young people into STE(A)M careers

Francesca Nichols

University Partnership Manager, EDT





EDT Engineering Development Trust

Encouraging Young People into STE(A)M Careers

Francesca Nichols – University Partnership Manager



Who are we?

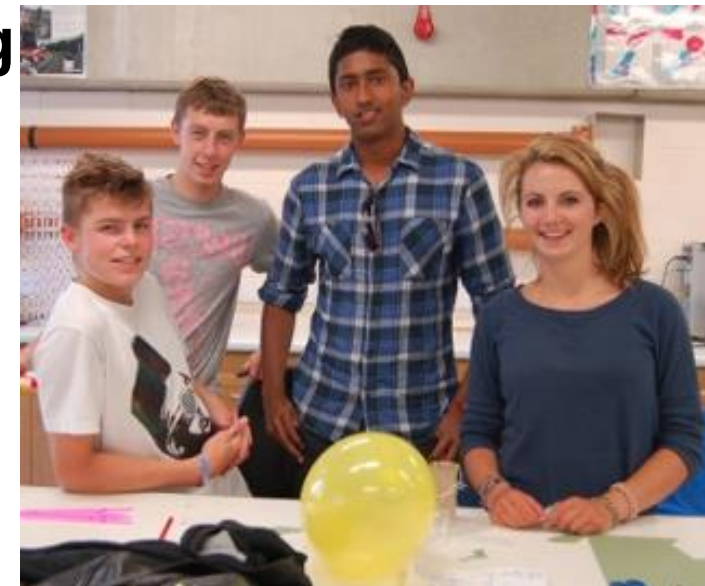
- Charity connecting young people, educators, partners and employers across the UK, through STE(A)M experiences
- Largest provider of STE(A)M activities in UK
- 40,000 young people every year
- Over 30 year track record of success
- Operate throughout UK

Student interests and needs progress with age
EDT extended portfolio fits well – *the talent pipeline*



Headstart courses for 16- & 17-year old students

- University provides residential taster of student life
- Hands-on projects, lectures/seminars, visits and networking sessions
- All STEM subjects from broad engineering
- Students experience disciplines and universities before UCAS
- Students meet graduates, academics and prospective employers



INSPIRE



EDT

Inspiring future
engineers & scientists

Inspire Courses for 15- & 16-year old students

- interactive and inspirational
- 3 day
- STEM A-level preparation
- show the vital role engineers play in the modern world...

“After my Inspire course, I decided I wanted to do engineering at university, and changed my A level options to do physics”



Benefits to the University

- EDT does the marketing and recruitment of students and can match the student profile to your requirements
 - EDT provide supervisors to act in loco parentis
 - EDT will provide you with funding to help meet the cost of the course
- EDT will support you with the course planning and collect student feedback
 - All of the students will be from different schools around the UK

Benefits to the student

- “The head start course was really helpful and cemented my choice of degree and the University I wanted to attend”
- “The course built my confidence as I was worried about going to university in general. It also helped me to make a better decision on which course I wanted to study at university”
 - “It was a fantastic programme and really helped me to understand what engineering at university is about.”
- “By taking part in Headstart, I was able to find out if I truly wanted to take this subject at University as we did many taster sessions and lectures, which was vital for me so that I could plan my next steps after college.”

Connecting

In 2019 we ran 58 courses at 25 universities around the UK and provided opportunities for over 2000 students to experience STEM at university.

We are connected to thousands of young people who are interested in gaining more insight into engineering than they can get at an open day and more knowledge than they can get from their schools careers advisors.

Padlet Questions

- Except for summer schools, what other activities could EDT offer you that would help with your recruitment needs?
 - Which types of students do you have the most difficulty connecting with?
- What are the barriers, if any, that stop you from running externally recruited summer schools?
 - Are you interested in partnering with EDT to run a summer school?
 - Any other comments?