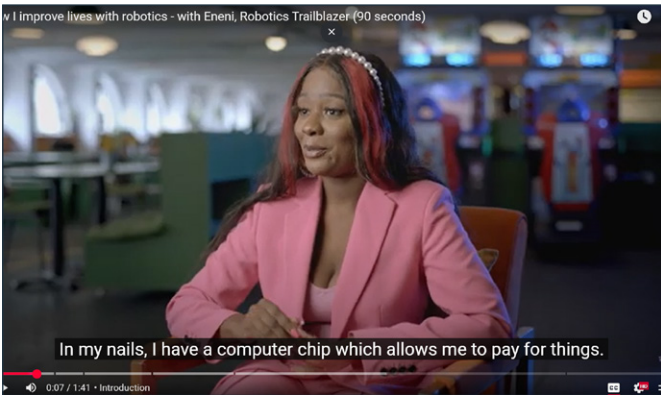


Engineering Careers Resources

STEM (Science, Technology, Engineering, and Maths) is firmly embedded in education, but too often the "E" for Engineering doesn't get the spotlight it deserves. That's a missed opportunity, because engineering is where imagination meets application and where creative ideas are turned into practical solutions that improve lives. It's a discipline rooted in curiosity, ingenuity, and problem-solving, all things that sit right at the heart of D&T.



Royal Academy of Engineering



www.thisisengineering.org.uk
A brilliant campaign designed to inspire the next generation of engineers. The videos are short, informative and ideal for use in lessons or assemblies. They show the wide range of careers engineering offers, from medical tech and sustainable design to space exploration and fashion innovation.

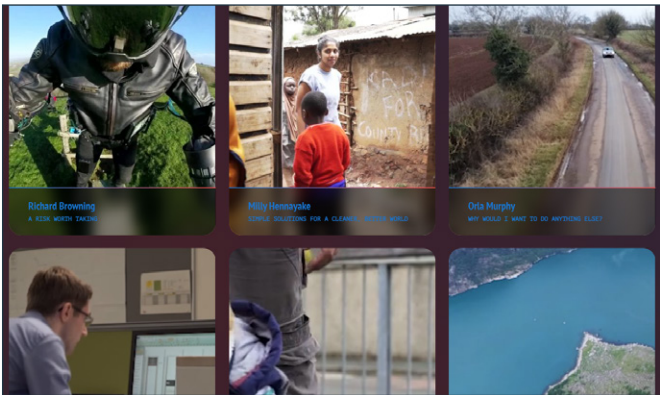
EngineeringUK

Tomorrow's Engineers Week

We're looking forward to Tomorrow's Engineers Week 2025 already. It takes place from 10 to 14 November, save the date! More information to come.

www.engineeringuk.com
EngineeringUK runs Tomorrow's Engineers Week (10th to 14th November) and supports teachers with resources, careers data, and outreach connections. They also organise the Big Bang Fair, one of the UK's biggest STEM events for young people.

Born to Engineer



www.borntoengineer.com/resources
A collection of engaging, real-life stories told through video. These profiles highlight people from a wide range of backgrounds working in modern engineering, showing students how their interests can connect to exciting careers.

NEON

How can I arrange a series of activities?

Our collections bring together quality assured experiences with resources which you can use together to inspire your students' careers - and keep them inspired.

Jump straight to the collections!

You can choose how to deliver the sessions, collaborating with the school, or facilitating them yourself. Some of the sessions are class, and some in form groups during pastoral time, it depends on your students.

All of the experiences on Neon will help your school deliver the especially benchmark 4, Linking curriculum learning to careers. Encounters with employers and employees and benchmark 6, 8 workplaces.

www.neonfutures.org.uk
NEON acts as a central hub for live events, STEM outreach programmes, and free teaching resources. Whether you're looking for a visiting speaker or a downloadable challenge activity, this is a great place to start.

Professional Engineering Institutions

There are many professional engineering bodies in the UK, many of which offer resources and guidance for schools. A few notable ones include:

Institution of Mechanical Engineers – imeche.org



Institution of Engineering and Technology (IET) – theiet.org



Institution of Civil Engineers – ice.org.uk



Institution of Chemical Engineers – icheme.org



British Computer Society – bcs.org



INCOSE (Systems Engineering) – incose.org



Many of these institutions offer classroom resources, competitions, CPD sessions, and careers guidance aimed at both teachers and students.

LinkedIn

LinkedIn isn't just for job seekers, it's a useful way for teachers to keep up with what's happening in engineering and design industries.

Start by following:

- Engineering institutions
- Local colleges and universities
- Charities like Smallpeice Trust and the James Dyson Foundation
- Major employers and individual engineers

You'll find updates on trends, opportunities for students, and ideas to bring into your own teaching.

Engineering is all about solving real problems, thinking differently, and finding ways to make life better and your students are already doing that in your D&T classroom. From sketching ideas to testing prototypes, they're engaging in the same creative processes used by engineers every day. By showing them where these skills can lead, we can help them see a future where their ideas can make a difference.

