

# Engineer your future: top tips for presenters

Engineer your future is an editable PowerPoint presentation to inform and inspire students about the range of careers in engineering and technology.

The presentation aims to **support students to connect engineering and technology to their own lives and the world around them**. The UK needs more engineers, and a more diverse future workforce with the necessary skills to enable us to thrive and tackle critical issues such as reaching net zero.

Build students' understanding about what engineering is, what engineers do and routes into engineering. Video case studies are linked to from the presentation to support understanding.

## **Build curiosity and interest**

Make time for questions and ensure you pace your facilitation. A lot of the content will be new information for students, so making time for processing, reflection and questioning will help hold their interest.

## **Tell your story**

Share your interests, strengths and skills. This will help students connect their own lives to your stories. We want to ensure young people from all backgrounds consider a career in engineering and technology. Hearing your unique career story will offer reassurance and inspiration.

## **Use presenter notes to support your facilitation**

Use the presenter notes on each slide to support delivery of key messages to students. The presenter notes also suggest how to further engage your audience.



## Different ways to adapt your presentation:

### Snapshot session (up to 20 minutes)

Some slides can be left out if required, to enable a shorter session.

#### Recommended slides:

- Introduction: slides 1 and 2
- What is engineering: slides 3, 4, 7 and 8
- Jobs and roles in engineering: slides 9 and 16
- Routes into engineering: slide 17
- What do engineers do (case studies): slide 18
- Next steps and questions: slides 23 to 25

#### Suggested delivery method:

In person/online, through a tutorial, assembly, curriculum time, guest speaker slot, options taster lesson, careers fair, options/parents' evening or subject showcase event

### Full length session (up to 40 minutes or over)

#### Recommended slides:

Use all slides whilst leading a longer presentation, discussion or workshop, whilst also adding your own activities to help young people think more like engineers (e.g. suggested build activities on slides 10 to 15 for a deeper focus on green engineering careers)

#### Suggested delivery method:

In person, through a subject lesson during curriculum time, drop day lesson, part of careers guidance, part of an EqualEx work experience event, or part of a Big Bang at School

### Supporting participation in an inclusive way

Being inclusive and considering the ways you can encourage participation from the audience will support students' understanding. This will help make your session memorable and meaningful which could:

- assist students' retention of the information
- build knowledge and support students to reflect on the way engineering and technology connect to their lives and the wider world

If possible, check in advance whether any students in the session will require adjustments to support their participation..



**For top tips about delivering inspiring engineering careers activities, download our resources:**

- **Getting the message across leaflet:**  
[www.tomorrowsengineers.org.uk/improving-practice/resources/engineeringuk-top-tips-for-delivering-engineering-activities](http://www.tomorrowsengineers.org.uk/improving-practice/resources/engineeringuk-top-tips-for-delivering-engineering-activities)
- **Talking about engineering careers with young people webinar:**  
[www.tomorrowsengineers.org.uk/improving-practice/resources/talking-about-careers-webinar/](http://www.tomorrowsengineers.org.uk/improving-practice/resources/talking-about-careers-webinar/)
- **Inspiring future engineers: notes for teachers leaflet:**  
[www.neonfutures.org.uk/resource/leaflet-inspiring-future-engineers-notes-for-teachers/](http://www.neonfutures.org.uk/resource/leaflet-inspiring-future-engineers-notes-for-teachers/)