

TEACHERS

Description

Have you thought of using STEM Ambassadors to help inspire your students with career options? How useful is what you learn in school STEM subjects, and how is it applied in real careers?

This activity offers students an in-depth understanding of a STEM Ambassador's career pathway and day-to-day job role.

Suggested Itinerary

30 minutes, 1 STEM Ambassador presents to 25 students

1. **Guess My Job?** - Warm up activity, quick fire questions from the students as they try to guess what job the STEM Ambassador does.
2. **A Day In My Life As "_____"** - PowerPoint presentation/video
3. **Career Progression** - Different routes into this profession

"All of the students were engaged and some surrounded the STEM Ambassador after the event to talk more about not knowing engineers did more than fix things!"

- Teacher

AMBASSADORS

Activity Description

STEM Ambassadors will help show school students what it is like to work in a particular STEM field and how they might be able to start a similar career pathway. STEM Ambassadors will give a presentation to medium-sized groups of students followed by answering questions and offering reflective advice.

45 – 60 minutes, 1 STEM Ambassador presents to 25 students

STEM Ambassador Role

1. **Guess My Job?** - 5 Minutes
To begin, the STEM Ambassador will answer quick fire questions from the students as they attempt to narrow down the job sector that the STEM Ambassador works in.
2. **A Day In My Life As "_____"** -10-15 Minutes
Next STEM Ambassadors can make use of the Kent & Medway STEM PowerPoint Presentation template, adapt it, use their own or present in a format they feel confident using. The presentation will reveal a day in the life of your job; STEM Ambassadors may want to bring props or visual aids to assist their explanation.
3. **Career Progression** - 10 Minutes
STEM Ambassadors will finish by exploring the different routes into their profession. What qualifications do you need? Are there apprenticeships and graduate schemes available?



Useful Links

- Royal Society of Chemistry - Careers
www.rsc.org/careers/future
- Institute of Physics - Careers
www.iop.org/education/teacher/student/index.html
- The Institution of Engineering and Technology - Careers
<http://faraday.theiet.org/careers/index.cfm>
- Tomorrow's Engineers - Careers
www.tomorrowsengineers.org.uk/Careers_resources
- Future Morph
www.futuremorph.org
- AUTOCity - Retail Motor Industry Careers
www.autocity.org.uk
- Institute of Acoustics - Careers
www.ioa.org.uk

"The children were very well engaged with the activity and seemed to really enjoy it. They also showed an enthusiasm towards their learning and were very competitive and wanted to guess the right answer."

- STEM Ambassador