

Robotics Challenge Judge



Watch our EEP Robotics Challenge [video >](#)

Overview

The Tomorrow's Engineers EEP Robotics Challenge is an exciting, hands-on activity for 11-14 years and we need your help to deliver this STEM enrichment experience. Students learn how to build, program and control autonomous LEGO robots in school or at after-school clubs over the course of five months. The challenge involves using these skills to complete a series of short aviation themed missions in teams using **LEGO® MINDSTORMS®** Education EV3 sets.

- Where: [View the regional events here](#). The UK Finals take place at the NEC, Birmingham.
- When: Regional events January – March 2019. UK Finals are held on the 15th of March 2019.
- Time: 9 am – 3 pm (regional events) and 8 am – 4 pm (UK Finals).
- Contact: Elena (Volunteer Manager) EMartin-Laguna@engineeringuk.com

Why do we need you?

As a Robotics Judge you will help make the day truly exciting and memorable for the students. We want the young people to leave feeling inspired about engineering and volunteers are a big part of making that happen.

We need you to share your time and STEM interest to assess each team. We now work with 370 schools round the UK and we couldn't have done it without the amazing support of our volunteers.

What activities will you be involved in?

Alongside other volunteer judges you will attend the all-day Tomorrow's Engineers EEP Robotics Challenge competition event that the students will have been working towards.

You will be required to judge one or more of the different **elements of the competition**:

- A speed challenge
- The robot challenge
- Scoring robot designs
- Assessing presentations
- Delivering and assessing a teamwork challenge.

As a judge you will provide encouragement, guidance and positive feedback to the students whilst ensuring that they find their solutions themselves.

What skills and abilities are we looking for?

We are looking for enthusiastic volunteers that encourage the students and help the day to run smoothly:

- Ability to communicate and interact positively with young people.
- Excellent interpersonal skills to encourage students in a friendly manner.
- Ability to work as a part of a team and learn from others.
- Good time-keeping and organisational skills.

What can you gain from this opportunity?

- Having a **rewarding experience** making a difference to young people and inspiring them.
- Playing an integral role in a **prestigious competition** that gets young people excited about STEM.
- **Networking** opportunities.
- Joining an enthusiastic team of people.
- Developing **analytical and evaluation** skills.
- Develop your leadership skills in a friendly environment.

And most importantly, you will have a fun day!

Is there any training?

We aim to give all our volunteers a unique experience at the Robotics Challenge. We will provide you with training and support throughout your volunteering role:

- Interactive **induction** for new volunteers (1 h, online).
- Role **specific training** for judges (1 h, online).
- Judges' **handbook**.
- **On-site briefing** on the day (30 mins, face to face).
- On-site **support and supervision** from the Robotics Challenge team.

Apply to volunteer

Who should you contact? What are the next steps?

To apply, please complete the online application form [here](#). For more information, please contact **Elena Laguna (Volunteer Manager)** on EMartin-Laguna@engineeringuk.com or 07934295509.

