

## 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 environmental engineering themed missions in teams using **LEGO® MINDSTORMS®** Education EV3 sets.

- Where: The UK Finals take place at the NEC, Birmingham.
- When: UK Finals are held on the 13<sup>th</sup> of March 2020, 8 am – 4 pm
- Contact Laura Mwangi, Community Engagement Manager [volunteers@thebigbangfair.co.uk](mailto:volunteers@thebigbangfair.co.uk)

### Why do we need you?

As a Robotics Reviewer 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 work with 575 schools round the UK and we couldn't have done it without the amazing support from our volunteers.

### What activities will you be involved in?

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

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

- A speed challenge
- The robot challenge
- Robot design
- Assessing presentations
- Delivering and assessing a teamwork challenge for the regional competition

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

## What skills and abilities are we looking for?

We are looking for enthusiastic volunteers to encourage 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.

This role involves being on your feet and moving around the sizeable show floor. If you have any questions about this requirement, please contact us so that we can discuss possible any reasonable adjustments.

View out volunteering and diversity and inclusion policies [here](#).

## 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:

- Role **specific training** (1 hour, online).
- Volunteer **handbook**.
- **On-site briefing** on the day
- On-site **support and supervision** from the Robotics Challenge team.

## What are the next steps?

To apply, please complete the online application form [here](#). If you have any questions regarding the role please contact Laura Mwangi, [volunteers@thebigbangfair.co.uk](mailto:volunteers@thebigbangfair.co.uk).

