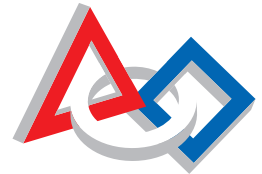


IE Education
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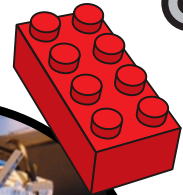


Sponsor

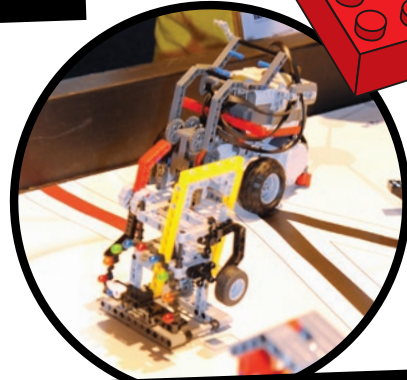
FIRST® LEGO® League



FLL
FIRST® LEGO® League

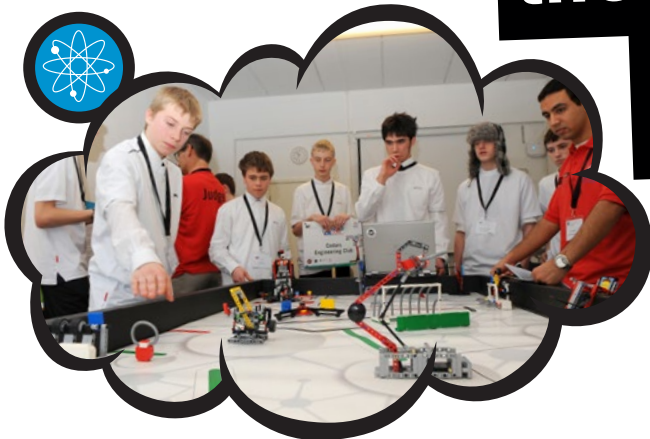


The
ultimate
science and technology
competition



the global robotics,

**life-skills
challenge**



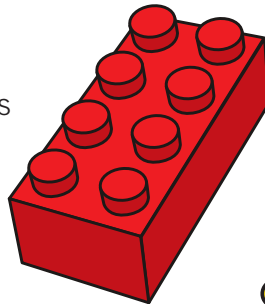
Inspire children with the challenges and opportunities offered by engineering and develop the skills they need

Not enough engineers, not enough skills

In the UK we do not have enough young people pursuing science, technology, engineering and maths (STEM) courses or apprenticeships beyond the age of 16 or choosing to become engineers or technicians. This is causing recruitment issues both now and into the future. Many of those who do come forward do not have the practical and employability skills that universities and employers are looking for.

There are many reasons for these including:

- inaccurate perceptions of engineering and the role of engineers and technicians
- schools teaching according to subject and without context
- insufficient opportunity to develop students' 'soft' skills
- teachers and parents unaware of the opportunities offered by modern engineering
- poor careers information.



FIRST[®] LEGO[®] League (FLL[®]) provides us with a fantastic opportunity to address these areas. FLL[®] is a global competition, for which the IET is the operational partner for the UK and Ireland. We also encourage the IET's worldwide membership to support FLL[®] where they live.


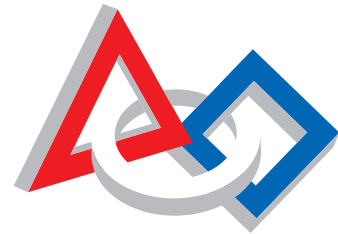


Inspire future engineers, develop skills, collaborate, compete, have fun!

FLL[®] allows students to work together in teams, solve problems, display their creativity and compete against other teams from around their region, the UK and Ireland and the world. And our teams are up there with the best - **in 2013 and 2014 UK teams beat over 100 others to be crowned World FLL[®] Festival Champions.**



Competing using engineering skills in a real-world context



FIRST® *LEGO*® League is a robotics-based, life-skills challenge for students aged between 9-16 years, working in teams of up to 10. Like engineers, to succeed the teams need a range of talents.

Unlike many robotics competitions where the robots may be remote controlled or set against one another, *FLL*® robots have to be entirely autonomous, using sensors to find their way around the tournament mat to strategically tackle the *LEGO*® challenges to score as many points as possible. But the robot game is only one part of the challenge. In front of the judging panels teams also need to:

- justify their robot's design, build and programming
- demonstrate core *FLL*® values such as team working, creative thinking and problem solving
- present the results of their research project, where teams explore issues around that year's theme, identify a problem and come up with a practical solution.



“When I began this year the guys taught me loads of things and it's been a truly influential process of learning.”

C14, UK & Ireland winners 2015

Working together



FIRST® *LEGO*® League **relies on our academic and business partnerships** to help us deliver the regional tournaments at their venues. *FLL*® gives teams the chance to meet with engineers and technicians and to see businesses and universities in action.



We also offer **Junior *FIRST*® *LEGO*® League**

(Jnr *FLL*®) for children aged between 6 and 9 years. Jnr

FLL offers a low-cost, easy-entry introduction to *FLL*. The teams research issues based around that year's theme, come up with a solution and then prepare poster displays and a *LEGO*® model for entry in a regional expo.





From **one event** to the **entire programme**

We offer opportunities from supporting or hosting individual regional tournaments through to the annual sponsorship of the entire **FIRST® LEGO® League** competition in the UK and Ireland.

All funds raised will go to support the **FIRST® LEGO® League** programme and towards supporting the IET's charitable objectives. With your help, together we can continue working to engineer a better world.

to find out more about **FIRST® LEGO® League** visit

www.firstlegoleague.co.uk

Any questions?

To find out more about sponsoring **FIRST® LEGO® League** or to contact us please use the details below:

Tel: **+44 (0)1438 767223**

Email: **fundraising@theiet.org**

Web: **www.theiet.org/impact**

Or by post at:

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The IET
Michael Faraday House
Six Hills Way
Stevenage
SG1 2AY



Full terms and conditions are on the website