

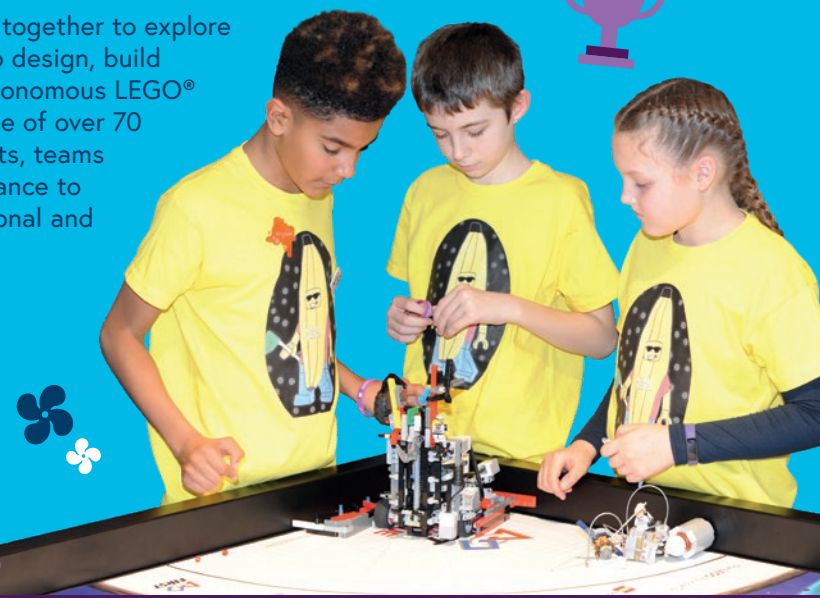
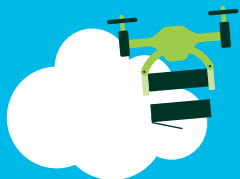
FIRST® LEGO® League Challenge

The world's largest robotics-based
life skills competition



FIRST® LEGO® League Challenge is a global STEM (science, technology, engineering and maths) challenge for teams of 9-16 year olds, to encourage an interest in real world themes and develop key skills that are crucial for their future careers.

Young people work together to explore a given topic and to design, build and program an autonomous LEGO® robot. Attending one of over 70 regional tournaments, teams compete for the chance to qualify for the National and International Finals.



Find out more at

theiet.org/challenge

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At a tournament, teams will be assessed on each of the four parts of *FIRST*® LEGO® League:

Robot Game

Teams build, design and program a LEGO® MINDSTORMS® or SPIKE™ Prime robot to autonomously complete a series of missions on a specialised field to score as many points as possible.

Robot Design

Teams must communicate to the judges the development in the design of their robot, as well as their programming and mission strategy.

Innovation Project

Teams research the annual theme, explore different ideas, and identify a problem. They design a solution to solve it and develop a presentation to communicate their ideas.

Core Values

Teams need to demonstrate the *FIRST*® LEGO® League Core Values which include innovation, teamwork and inclusion. Being respectful and having a great time are central to what makes *FIRST*® LEGO® League so special.



Key information	Team registration	Class Pack
Age	9-16 years	9-16 years
Number in a team	Up to 10	Up to 10
Structure of delivery	Teams – curricular or extra-curricular	Whole class (3-5 teams)
Cost	£150 + VAT for 1st team (50% discount for 2nd team)	£265 + VAT
Kit provided	Challenge set and registration to regional tournament	Challenge sets and supporting materials
Extra resources needed	LEGO® MINDSTORMS® or SPIKE™ Prime (per team)	LEGO® MINDSTORMS® or SPIKE™ Prime (per team)

"There are no words that can express my appreciation for what this programme has done for the children involved. It is for me without doubt of huge value to UK and Irish education. I often tell the students that there are days that stay with you as long as you live. IET *FIRST*® LEGO® League keeps supplying our team with those, so thank you for that."

Neil Corrigan, Team Coach



Find out more at theiet.org/challenge