

FIRST
TECH
CHALLENGE
UK & IRELAND

Build More Than Robots

The UK's most epic
STEM programme*

*As voted by robots

FIRST Tech Challenge is more than robots

**Young people learn to think, collaborate
and operate like innovators.**

From September to March, teams of up to 15 design, build and programme a robot to compete in alliances at tournaments.



Challenge young people to:

Adopt industry roles and work as a team across year groups

Develop technical knowhow and critical soft skills

Overcome obstacles with support from an industry mentor

Engage with employers, further and higher education

Build understanding of education and career pathways

Earn team awards and individual accreditation



The workplace is changing as rapidly as technology

Inspire a generation of young innovators
with *FIRST*® Tech Challenge UK –
a life-changing robotics programme
for ages 12-18.

Develop resilience, creative thinking and confidence:

74%

are more interested
in STEM subjects

81%

aspire to have
STEM careers

40%

of participants
were female



“The programme adds so much; you can’t teach what they’ve been learning over the last year. You can try to teach them project management, system lifecycles and engineering from a textbook – it just doesn’t work. What they’re experiencing working as a team right now? It’s superb.”

David,
Assistant Principal,
Sawtry Village
Academy

Join a global STEM movement

The best teams are inclusive. Young people from all backgrounds and skillsets are inspired by a passionate community of mentors, STEM industry partners and peers around the world.

What makes this challenge awesome?

Schools

Evidence Gatsby Benchmark progress

Build links with industry and provide careers IAG

Deliver in school timetable or as an extracurricular STEM club

Offer students Industrial Cadets accreditation

Teachers

Support teaching through specialist industry mentors

Implement a cross-curricular learning approach

Offer students 'stretch and challenge' opportunities

Access financial support, online learning and guidance

Young people

Join a global community of young STEM innovators

Earn awards and Industrial Cadets accreditation

Compete locally, nationally and worldwide

Highlight career and education pathways

Compete in a global robotics challenge

Teams who prevail at the UK Championships join 40,000 pioneers at the *FIRST* World Championships in the USA, building friendships beyond the playing field.

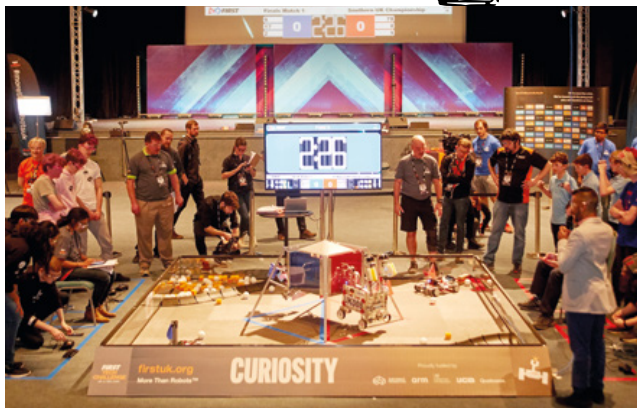
Who can take part?

DfE-registered schools, youth or community groups

Young people aged 12-18

No robotics, programming or engineering experience required

PASSING ON EXPERIENCE & KNOWLEDGE
YEAR AFTER YEAR



“It is an exciting programme where you make friends, work as a team and use your talents to build a robot.”

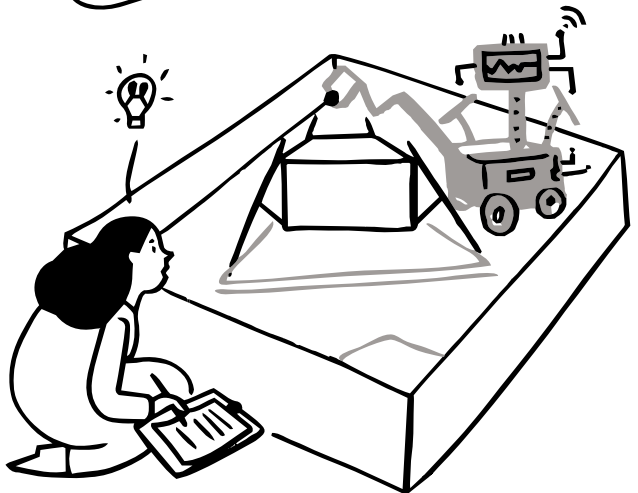
**Health and Safety Captain,
St John Fisher Catholic College**

We're *FIRST* UK

A charity fuelled by robots and industry mentors – empowering young people to explore, challenge and grow into innovators who will take on tomorrow's challenges.

“The most rewarding moment has been seeing the passion, enthusiasm and energy from the students. They've engaged in the task, adapted to overcome, and really put their heart and soul into the competition. It's been breathtaking.”

**Rob,
Education
Solutions Manager,
Arm**



Rise to the challenge
[morethanrobots.uk](https://www.morethanrobots.uk)

