

UNearthEDTM

**FIRST[®]
LEGO[®]
LEAGUE**



GraphicScience

2025-2026 SEASON SUMMARY

Delivered by Graphic Science and sponsored by:



SAFRAN



ROWDEN



amentum



ABOUT FIRST® LEGO® LEAGUE



What is FIRST® LEGO® League?

FIRST® LEGO® League (FLL) is the world's largest youth STEM competition, inspiring students, volunteers, and employers alike.

For young people, aged 9-16 years, FIRST® LEGO® League inspires curiosity and confidence through hands-on STEM learning, building and programming an autonomous LEGO® robot to complete themed missions. The challenge theme encourages young people to explore real-world topics and engineering challenges to create their innovation project. This year's challenge theme was UNEARTHED.

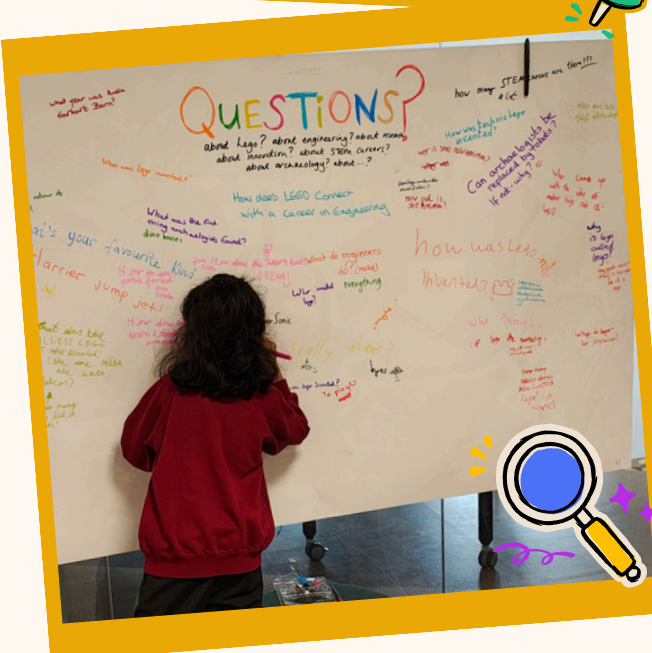


UNEARTHED™

Teams prepare their robot and innovation project in school, working together to develop their problem-solving, coding, and engineering skills, before attending a local tournament to compete and share their ideas.

For volunteers and employers, participating in FIRST® LEGO® League is an opportunity to nurture passions and aspirations in young people. It encourages the sharing of ideas and knowledge, which then fuels that creative spark to grow into bigger ideas and bolder aspirations. Our young people have a lot of questions about STEM topics, and where they could go with a career in STEM. By getting involved you are: building confidence, encouraging curiosity and innovation, supporting the future talent pipeline, meeting social value targets, being a role model and having a lot of fun along the way!

Nationally, FLL is coordinated by [The IET](#), and is supported by regional delivery partners.



ABOUT US



Who are we?

Graphic Science are a STEM education consultancy and a delivery partner of The Institute of Engineering and Technology (The IET), we coordinate the regional delivery of *FIRST* LEGO League Tournaments in Bristol, Gloucestershire and Somerset. Graphic Science are also the STEM Ambassador Programme's Delivery Partner for South West England, supporting the delivery of events and activities for the benefit of schools' and young people across the South West.

Graphic Science Team:

Rhona Phelps - Kathryn Warr - Liz Lister - Ben Johnson - Annabelle Toole

THANK YOU!

Everyone loves LEGO! I am proud to have shared my passion and sparked curiosity and affection for FLL within the whole delivery team. FLL is all about the young people, and providing opportunities for them to explore and enrich their learning in a supportive and fun environment. Seeing the enthusiasm and skills shown by all those participating, from first timers to experienced robotees, and the enjoyment from all our fantastic volunteers, makes each event a delight. I cannot thank our supporters and hosts enough for their help across this UNEARTHED season, we couldn't have done this without you!

Rhona Phelps - Graphic Science



OUR TOURNAMENT HOSTS



With special thanks to:

John Pritchard
John Watton
Charlene Coleman
Laura Bean
&
The GTC Reception and
Operations Team



With special thanks to:

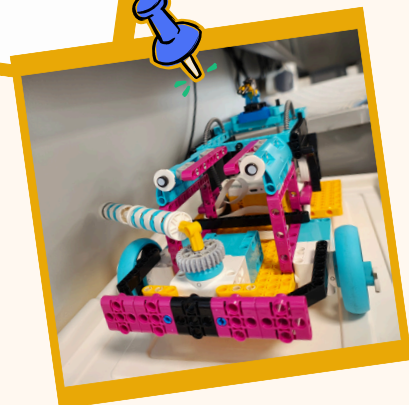
Grace Davis
Arren Kinder
Chloe Glassonbury
&
The Safran Landing Systems
Site Team



With special thanks to:

Miriam Ager
Michael Rose
Michael Wood
&
Leonardo Helicopters

OUR SPONSORS



Employer sponsorship makes it possible for us to fund support for under-resourced schools. Without the generosity of these employers the following schools would not have been able to participate in *FIRST* LEGO League:

Bridge Learning Campus, Charlton Wood Primary School, Countess Gytha Primary School, King's Oak Academy, Katharine Lady Berkeley School, Queens Crescent Primary School, Rednock School, The Sir John Colfox Academy, St Bede's Catholic College, St Mary's Catholic Primary School & Tewksbury CofE Primary School

It was clear to us that LEGO League enables students access to a competition that brings STEM to life. This aligns perfectly with our STEM Hub's ambitions to educate and enthuse on STEM subjects. Sponsoring schools that may not otherwise have been able to participate enabled us to support broader access to the competition. We were also keen to provide opportunities for our staff to volunteer.

Employer Sponsor

OUR VOLUNTEERS



Thursday 26th February

Judges & Moderators

Adriana D'Souza
Damian Cordukes
George Bone
Grace Turner
Harry Fay
Ian Samuel Bone
Jenny Lee
Joseph Wallace
Joshua Simpkins
Maggie Georgieva
Megan Morgan
Nigel Higgins
Scott Sarginson
Steven Hirst
Tom Natt

Room Leaders

Claire Younger
Karen Lieu
Lewis Parker
Phillip Lovell



Head Referee

Andrea Tanner

HPE Referees

Amina Assassi
Clive Seager
Dan Coney
Ian Selway
Jodie Ford
Kathryn Corkish
Lorcan Smith
Matthew Dymond
Nebeelah Okanlawon
Nicole Murch
Steve Murphy
Zain Punnu



MC

Steve Birch
Samantha Blakey

GKN Apprentices

Finley White
Jess Haberfield
Maia Smith
Will Nadin

Friday 27th February

Judges & Moderators

Abbie Summers
Archie Low
Christopher Douglas
Hannah Hart
Jason Matthews
Joshua Wardle
Karen Duffett
Katherine Haase
Martin Coates
Richard Berry
Richard Storer
Simon Langham
Steven Hirst
Tom Madden
Yvonne Gordon

Room Leaders

Adam Westrope
Anthony Pye
Jack Murphy
Tobi Adewunmi

OUR VOLUNTEERS



Wednesday 18th March

Judges & Moderators

Andrew Biggs
Andrew Proudman
David Abbott
David Green
James Healey
Joseph Heaton
Katour Ben Kaddour
Nikki Morrison
Nuala O'Rourke
Sam Allin
Samuel Edwards
Souroni Hazra
Steve Pottershill
Vanessa Chigariro

Room Leaders

Clark Lawson
Rebecca Bound

MC

Liz Lister



Head Referee

Andrea Tanner

Safran Referees

Andrew Trippe
Dan Sandalls
Deniznaz Kocak
Fletcher Mumford
Grace Davis
Mark Richards
Mike Bevan
Shaun Burch
Takura Nyatsuro
Vaasu Goyal
Vyom Desai



Head Referee

Gavin Beresford

Leonardo Referees

Alesia Matoshi
Alexander McKenzie
Ethan Waddell
Lily Hall
Luke Scales
Seth Beard
Sophie de Caen
Thomas Dulwich

Friday 27th March

Judges & Moderators

Alan Bates
Archie Owens
Carlos D'Aguiar
Freya Taylor
Jake Payne
Lewis Campbell
Mike Rose
Mike Wood
Sebastian Mitton
Tom Pearce
Thomas Barnett

Room Leaders

Joanne Elford
Paul Warner

MC

Steve Birch
Samantha Blakey

LARGE AWARD CATEGORIES



Champions Award

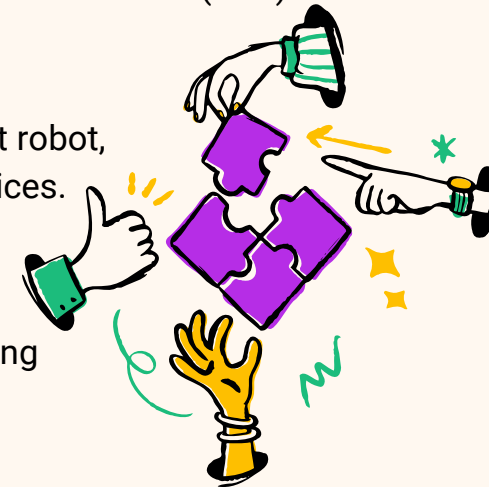
Awarded to the team who ranks highest over the 4 assessed categories: Core Values (25%), Innovation Project (25%), Robot Design (25%) and Robot Performance (25%).

Robot Design Award

This award recognises the team that designs and builds the best robot, demonstrating outstanding programming and engineering practices.

Robot Performance Award

This award celebrates the team that scores the most points during any of the three competition rounds of the Robot Game.



Innovation Project Award

Each year, teams are set the challenge to create an innovation project in which they have to:

- Identify a problem based on the UNEARTHED theme
- Design an innovative solution to the problem
- Share the problems and solution with others

On the tournament day, teams deliver a five-minute presentation to judges to demonstrate their research and understanding of engineering challenges related to the theme, and their problem-solving and teamwork. This may include bringing a prototype of the solution they have created.

Core Values Award

The *FIRST* LEGO League Core Values emphasise teamwork, discovery, and innovation. Assessed by Judges, the Core Values aim to foster a culture of inclusion, respect, and fun.

The Six Core Values

- Discovery: We explore new skills and ideas.
- Innovation: We use creativity and persistence to solve problems.
- Impact: We apply what we learn to improve our world.
- Inclusion: We respect each other and embrace our differences.
- Teamwork: We are stronger when we work together.
- Fun: We enjoy and celebrate what we do!

SMALL AWARD CATEGORIES



Knockout Tournament Winner

The knockout rounds take place after the 3 official and scored robot games have ended. Teams compete in head to head elimination rounds, until the knockout winner is declared. Knockout scores are not counted towards the Robot Performance Award, and a trophy is only presented when the knockout winner is not also the Robot Performance Award winner.

Judges Awards

Judges are able to submit nominations under 3 categories: Rising All-Stars, Breakthrough and Motivate. These awards recognise teams who participated to an exceptionally high standard, but fell just short of the large awards.

The Rising All-Star Award

This award celebrates a team participating for the first time, that the judges expect great things from in the future.

The Breakthrough Award

This award celebrates a team that made significant progress in their confidence and capability in at least one of the core areas of *FIRST* LEGO League.

The Motivate Award

This award celebrates a team that embraces the culture of *FIRST* LEGO League through team building and displayed enthusiasm.



JUDGING



Judges and moderators meet with teams of students, listening to presentations and assessing work on: Innovation Projects, Robot Design and Core Values.

Our pupils had an absolutely incredible day. It was the experience of presenting their work to industry experts and engaging with the Core Values that made the day so meaningful.

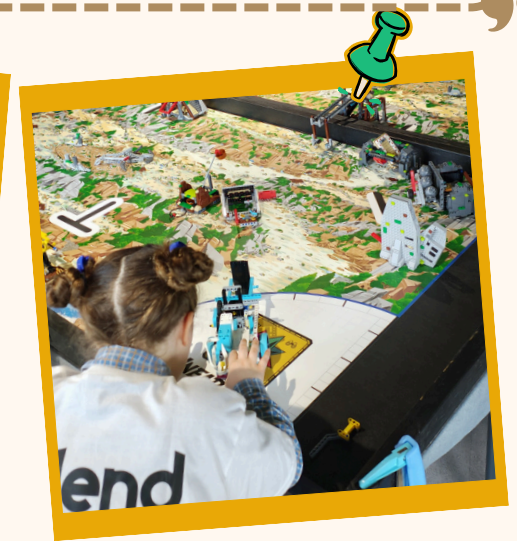


THE ROBOT GAME



Supported by volunteer referees, student teams participate in 3 rounds of Robot Games. Students design and programme their robot in school. During the tournament, teams launch their autonomous bots aiming to complete as many missions as possible in two-and-a-half minutes.

The students returned to school buzzing with confidence, and we are immensely proud of their achievement as Robotic Knockout Champions.



THE PIT CHALLENGE



Pit challenges are a fun, little activity for teams to complete in any downtime between judging and robot games. This years pit challenge took inspiration from the *FIRST* LEGO League Challenge theme of UNEARTHED and our aerospace venue hosts, focusing on the biggest aerospace and archaeological mystery – Amelia Earhart!

We asked teams to hide a reference to Amelia Earhart somewhere in their pit areas – this could be an image, a fact or some other reference. The challenge was for teams to visit all of the pit areas to find all of the Amelia references that teams have hidden in plain sight. Think Where's Wally – but with Amelia instead!

Pit Challenge introduction video: <https://youtu.be/HWtHShZAY4>

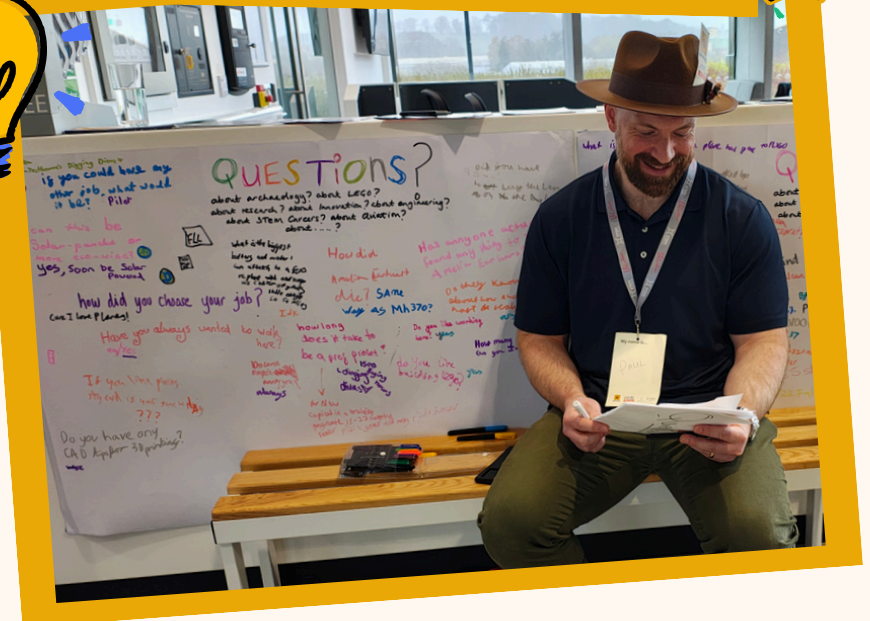
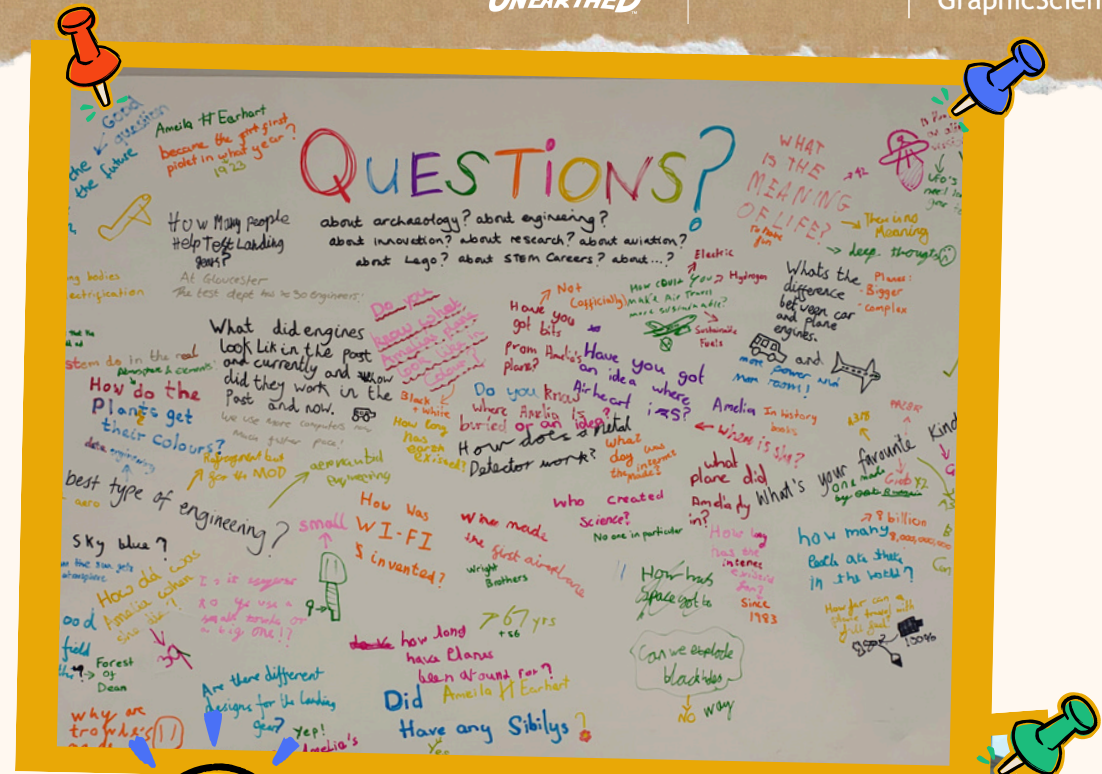
THE BIG QUESTION HUNT



During the **FIRST LEGO League** tournament days, student teams are asked a lot of questions by judges and other supporting adults, the Big Question Hunt was an opportunity for students to ask *their* questions!

Over the four tournament days, students asked 137 questions via the question walls. Questions ranged from science ("How does the brain think?") to careers ("How many STEM careers are there?") to archaeology ("What was the first thing archaeologists found?") to engineering ("How can you make air travel more sustainable?") and general wonderings ("How many LEGO bricks can you fit in a wellington boot?").

STEM Ambassadors and our tournament hosts provided occasional responses, turning the question walls into an interactive space students returned to during downtime in their tournament schedule. The Big Question Hunt exercise gave everyone the opportunity to communicate and share aspects of the competition that had captured their imagination.



PARTICIPATING SCHOOLS AND CLUBS



Bristol 1 Tournament: 26th Feb at GKN Aerospace

- Abbotswood Primary School
- Bridge Learning Campus
- Clifton High School
- Freshford Church Primary School
- Gillingham School
- Redmaids' High Junior School
- Shaftesbury School
- St John's CofE Primary School
- St John's Marlborough
- St Katharine's CofE Primary School

Gloucester Tournament: 18th Mar at Safran

- Abbey Park School
- Balcarras School
- Downend School
- Katharine Lady Berkeley School
- Reading Blue Coat
- RGS The Grange
- RGS Worcester
- St Mary's Catholic Primary School
- Tewkesbury Primary School

Bristol 2 Tournament: 27th Feb at GKN Aerospace

- Brick Robot Club Warminster (Club)
- Charlton Wood Primary Academy
- Elmlea Junior School
- King's Oak Academy
- Queen's Crescent Primary School
- Rednock School
- St Margaret's Prep, Calne
- St Pauls Catholic Primary School
- St. Bede's Catholic College
- Team Cockerel (Club)
- Westhaven Special School
- Winterbourne Academy

Yeovil Tournament: 27th Mar at iAero

- Countess Gytha Primary School
- King Edward VI School Southampton
- Queen's College Taunton
- Shaftesbury School
- Sir John Colfox Academy
- Testbourne Community School
- The Burgate School

BRISTOL 1 - WINNERS



Champions Award

The Bob Cobs from Feshford Church Primary School →



Robot Performance Award

St Katharine's Lego Muppets from St Katharine's CofE Primary School



Robot Design Award

STUD Squad from St John's Marlborough



Core Values Award

Pigeons of the Past from Freshford Church Primary School



Innovation Project Award

Redmaids' Robotic Girls from Redmaids' High Junior School →



BRISTOL 1 - WINNERS



Knockout Tournament Winner

The Bob Cobs from Feshford Church Primary School



The Rising All-Star Award

BLC Brickology from Bridge Learning Campus



The Motivate Award

Abbotswood Amigos from Abbotswood Primary School



The Breakthrough Award

M.O.s.D.M* from Gillingham School



BRISTOL 2 - WINNERS



FIRST
LEGO
LEAGUE



GraphicScience



Champions Award

Lego Treasures Unearthed from St Margaret's Prep, Calne →



Robot Performance Award

Awkward Turtles from Westhaven School



Robot Design Award

Team Cockerel



Core Values Award

The Buried Bricks from Queen's Crescent Primary School



Innovation Project Award

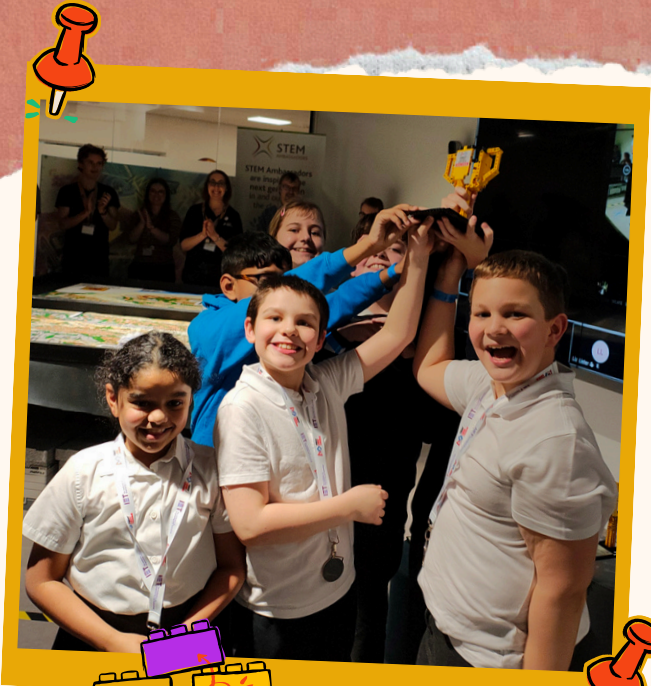
Master Builders from Charlton Wood Primary Academy →



BRISTOL 2 - WINNERS



FIRST
LEGO
LEAGUE



Knockout Tournament Winner

Awkward Turtles from Westhaven School



The Rising All-Star Award

The Unearthed Masters from St Pauls Catholic Primary School



The Motivate Award

The Brick Busters! from Elmlea Junior School



The Breakthrough Award

KOA KOALAS from King's Oak Academy



GLOUCESTER - WINNERS



Champions Award

K Lego Brick from Katharine Lady Berkeley School



Robot Performance Award

Balcasaurus Rex from Balcarras School



Robot Design Award

RBCS Robotics from Reading Blue Coat School



Core Values Award

C of E Coders from Tewkesbury C of E Primary School



Innovation Project Award

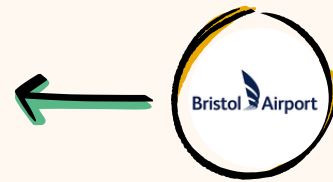
Smarties from St Mary's Catholic Primary School



GLOUCESTER - WINNERS



FIRST
LEGO
LEAGUE



Knockout Tournament Winner

Grangers of The Lost Code from RGS The Grange



The Rising All-Star Award

Picolas Cage from Downend School



The Motivate Award

The Rocky Roaders from Abbey Park School



The Breakthrough Award

RGS Worcester



YEOVIL - WINNERS



Champions Award

Team Capybara from Queen's College Taunton



Robot Performance Award

Trix with Bricks from King Edward VI School Southampton



Robot Design Award

Burgate Nu School from The Burgate School



Core Values Award

Digging Divas from Testbourne Community School



Innovation Project Award

Burgate Old School from The Burgate School



YEOVIL - WINNERS



Knockout Tournament Winner

Trix with Bricks from King Edward VI School Southampton



The Rising All-Star Award

The Fantastic Fox Bots from Sir John Colfox Academy



The Motivate Award

Team Artefacts from Countess Gytha Primary School



The Breakthrough Award

The Code Crackers from Countess Gytha Primary School



FEEDBACK FROM SUPPORTERS



Why did you want to take part in FIRST LEGO League as a volunteer, host or sponsor?

I am passionate about helping people get into computing / Tech and STEM fields in general. And Lego!

For the skills it would teach the children, the fun I knew they would have and because I love technology and the limits it can break.

Lego is cool, robots are cool, being able to ask and answer kids' questions about lego AND robots is also cool.

I wanted to engage in a school competition, especially since a full-day was preferable for me using my social value days. I like to support the children rather than just speak to them in a presentation.

To engage young people in STEM, and also to possibly incorporate some of the ideas and themes of the event into my own STEM activities or the work experience program we offer at my employer.

Did your participation in FIRST LEGO League meet your expectations?

I had no idea how competent the teams would be but everyone really surprised me with their engagement and some of the individual skill sets.

My expectations were to be able to inspire young people into engineering, develop my engineering review skills and to network with others within engineering. This event certainly fulfilled and exceeded my expectations.

The quality of work from the students was very high, and I was pleased to see that the project aspect was just as important as building a good robot.

Thank you for a fantastic day – bringing the energy and excitement! The (iAero - venue hosts) team have had great feedback and it was great to see such a wide ages range of students so engaged in the competition – well done.

I thought it was fantastic once again and would definitely like to sponsor again next year (and hopefully get a few more of my colleagues to be judges!).

What are you taking away from your involvement in FIRST LEGO League?

Our learners do not often get the opportunity to compete and represent the school due to their SEND needs, so this is a lovely opportunity for them. Our learners had a successful and enjoyable day.

Our pupils had an absolutely incredible day. From the excitement of the Robot Game to the "Amelia Earhart" Pit Challenge, the atmosphere you created at the Safran Landing Systems facility was both professional and deeply inspiring. It was a privilege for our primary school team to compete in such a unique aerospace setting; it truly brought the "Innovation" theme to life for them.

The girls had the absolute best time and are looking forward to it next year!

The team were able to liase with a variety of other children and adults. Being part of such a big competition with a lot of older children was a little daunting for them, but successfully presenting in front of them was a big boost to their confidence. This gave them opportunities and experiences that I cannot imagine them getting anywhere else.

Really proud of how the students showed commitment to the programme and developed their skills.

It gives our pupils opportunities that I don't believe they'd get anywhere else, particularly at their age.

Thank you and your team. It was a great day, well organised and more importantly it was great fun. The pupils had a fantastic day and spent the journey back planning the next entry.

You and your teams did a fantastic job of welcoming and supporting the students (and us adults!). Our room lead took a genuine interest in how the team was getting on with the Robot game, the referees gave the children many positive comments and even let them retry a mission after the game so they had the chance to show they could do it, the judges were very easy going with the children and chatted to them outside of the judging sessions, the GKN apprentices were really approachable and friendly, and Steve and Samantha brought wonderful energy and adapted beautifully to how the children were around them. Last year was my first year doing Lego League and we certainly want to continue, and to continue coming to Bristol as the atmosphere is so supportive and positive.