Sponsorship Information

8346A: The Lads
St Helena School, Colchester

VEX Robotics Competition

www.thelads.uk team@thelads.uk

NEXT STEP STEM

8346A: The Lads

VEX Robotics team
from Colchester, UK

Dear potential sponsor,

We are Seb Jensen and Damian Rusecki, Year 11 students at St Helena School, Colchester, and we're so excited to introduce you to our world of STEM. Together, we are "The Lads", and we'll be representing the UK this May at the world's most prestigious robotics tournament in Dallas, Texas.

The VEX Robotics Competition is an educational programme with a global presence, promoting the STEM fields to secondary school students and collegiate groups. Every year a new challenge is unveiled, and teams across the world observe real-world engineering and design processes to construct and program a robot. Several regional events are held and the top teams from each country are invited to the States for the VEX Robotics World Championship.

This year, we made the cut, winning the Design Award at a qualifying tournament at Haberdashers' Boys' School in Elstree. This accolade is presented to teams with the most effective presentation of how they've applied the engineering design cycle for competitive outcomes. Of all 140 teams in the UK, our engineering notebook and interview with a panel of six judges proved us most deserving of such an achievement.

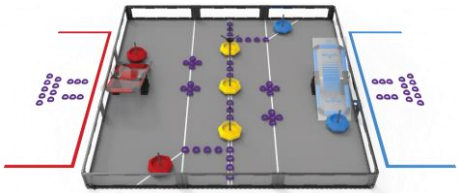
So, we now set our sights on the world finals – between us both we have seven seasons worth of experience and we're feeling confident. But there are so many expenses that need to be considered, hence our quest for sponsorships. Could you help us on our quest for Next Step STEM?

Read on to learn more about the VEX Robotics Competition and sponsorship opportunities.

VEX Robotics

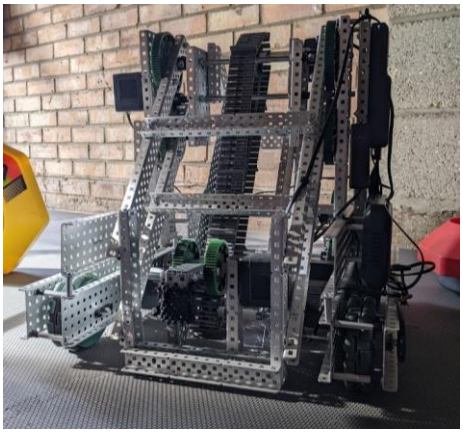
2021-22 Game “Tipping Point”

Matches are played with a red and blue alliance, each with two teams. They begin with a 15 second autonomous period, whereby the robot must operate without human interaction, and are followed by a 1 minute 45 second period of driver control.



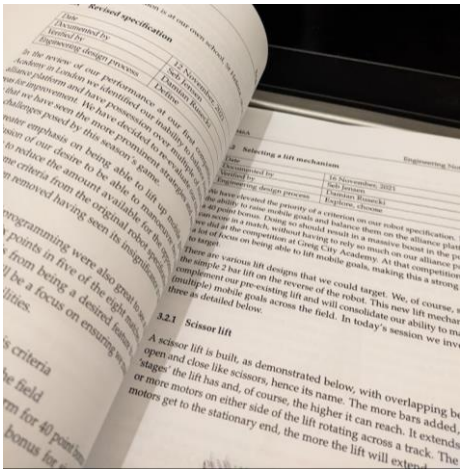
This season’s game is all about manoeuvring objects, “mobile goals”, and elevating them on your alliance platform. You can score extra points by depositing rings on the goals and there’s an added bonus for having the most points come the end of the initial autonomous period. To top it all off, you can grab a final thirty points at the end of the match for driving your own robot and balancing it atop your alliance platform.

Our robot can possess two of these mobile goals simultaneously for maximum competitive advantage. We’ve got a ring mechanism that hastily piles up rings on small mobile goals, and our robust drivetrain allows us to scale the alliance platform for a bonus at the end of the match.



Another prominent aspect is programming a robot for competitions and autonomous periods. VEX offers us the chance to code our bot in C++ in a professional development environment (Monaco). We can harness the power of the electronics to rapidly develop a plethora of programs to always stay at the forefront of the competition.

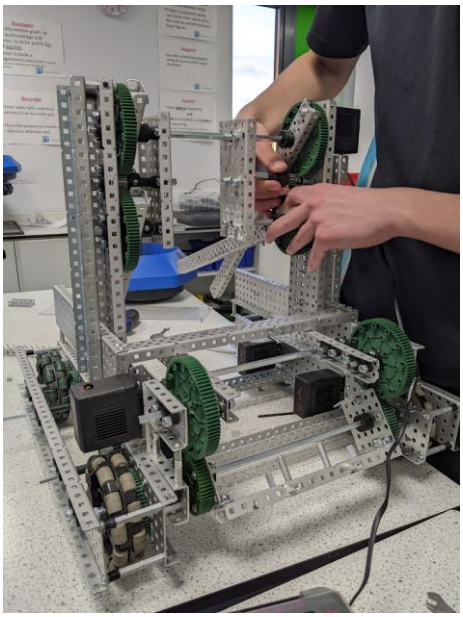
Finally, top teams are recognised with the Design Award for implementing industry practice with the engineering design process. Our engineering notebook offers a comprehensive look into our progress throughout the season, currently sitting at over sixty pages long.



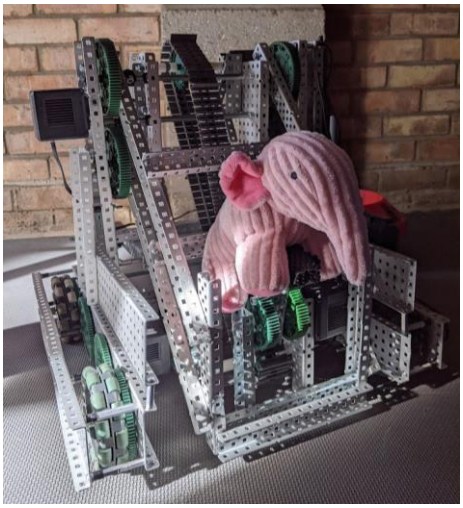
The Team

Members & Accomplishments

Seb Jensen
Seb started with VEX IQ in Year 6 with the 2016-2017 Crossover season. Ever since, Seb has been building robots, attending events, volunteering at events and even organising them. Since transitioning to the VEX Robotics Competition, he has began to host official regional VIQC events for up to 30 teams. He is the programmer of the team, focusing on autonomous and innovative means of making driver control more efficient.



Damian Rusecki
Damian started with VEX IQ in Year 7 with the 2017-2018 Ringmaster season. He has since been working with Seb, progressing with them into the VEX Robotics Competition. He's a talented builder and quick to come up with solutions to tackle the challenges set each season. Consequently, he will utilize his skills focusing on robot construction and on-field strategy.



Between The Lads are:
- Seven seasons of combined experience
- Sixteen events attended
- Nine awards presented

Awards
- 1x Excellence Award
- 3x Design Award
- 2x Tournament Champion
- 3x Robot Skills Champion

We're extremely proud of our robot this year and hope to make the UK just as proud if we're able to represent the nation at the 2022 VEX Robotics World Championship.

Now you've learnt about the game and about us, let's have a look at what we need the money for and what we can offer.

Budget

World Championship Spending

There are a multitude of expenses that have to be covered if we are to represent the UK at the VEX world finals. Initial estimates suggest costs could sum from £8,000 to £8,250.

Flights	£6,284.64
Registration Fee	£915.80
PCR Tests	£280.00
Accommodation	£250.00
Food and Drink	£200.00
Travel Insurance	£87.52
Robot Transportation	£50.00
Public Transport	£36.80
ESTA Application	£30.00
Costs are calculated for four attendees – two students and two adults	£8,134.76

Sponsorship Tiers

How To Contribute

All contributions will be greatly appreciated with our endless gratitude. We'd also like to be able to offer something in return, so have a look at the following tiers and see if there's anything suitable for you.

£3,499+ Alliance Partner Sponsor

Only 1 spot

+ "Partner of the Year" trophy
+ Logo on team wear
+ Logo on website
+ Letter of appreciation
+ Access to sponsor newsletter
+ Access to engineering notebook
+ Logo on team posters & banners
+ Logo on side of robot

£1,499+ Headline Sponsor

+ Logo on website
+ Logo on side of robot
+ Letter of appreciation
+ Access to sponsor newsletter
+ Access to engineering notebook
+ Logo on team posters & banners

£499+ Sponsor

+ Logo on website
+ Letter of appreciation
+ Access to sponsor newsletter
+ Logo on team posters & banners

£249+ Friend

+ Letter of appreciation
+ Access to sponsor newsletter

Interested in a sponsorship across multiple seasons or something else specific? Send us an email at team@thelads.uk and we'll get back to you within 1-3 working days.