

A VEX Robotics Organisation

<u>Sponsorship</u> <u>Proposal</u>

SEEKING FUNDING TOWARDS A BRIGHT FUTURE

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Why do we feel the need to do this?

- We are soon to be graduating from secondary school, of which had previously given us funding.
- We are not able to bring ideas to fruition without a source of devoted financial support.





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INTRODUCTION

We are a successful VEX Robotics organisation based in Colchester - following an educational programme that promotes real life STEM opportunities for young people through competitive robotics tournaments.

In the past, we have won a multitude of awards at both a local and national scale, most recently commending our team's professionalism at the National Championship 2024.

This past year, we came joint 1st place in the autonomous skills gamemode throughout the entire UK, commending our team's highly reliant code, enginnered to a standard that would only suit the professionalism of our robot.

We believe that it was through each of our team members specialised skills, as well as a strong technical plan, that we were able to break so far into a competitive scene this season, and we wish to this year compete on a global scale, battling wits and robots among teams from around the world in Texas, USA next year if we get the opportunity to.

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Alexander Halesworth Team Director, Head Programmer, build team



Cameron Longland– Smith

Team driver, Head strategist, build team







Oliver McGlade CAD/design Specialist, Assistant Programmer design team



Joshua Longland–Smith Head of build team, Socials manager, Lead author of notebook

<u>Our Qualities</u>

Alex has taken part in the VEX programme for one year in our most recent season, 'High Stakes'. In that time, he has contributed immensely to the team with respect to his programming prowess and driver skill in competition matches as well as the use of CAD imaging during the engineering design process. Alex showed a very methodical and strategised approach to the robot's code, planning carefully before isolating and writing the new code and subsequently performing an in depth test on the code. It was this thorough attention to detail that allowed our code to be precise and effective (particularly within our autonomous routine).

Oliver has taken part in the VEX programme for three years, including one year in our previous team 8346D 'Chaos Insurgency' and a two year stent in another team before that. These years of experience in the programme have allowed him to develop an excellent understanding of the robot construction process and his insightful ideas regarding match strategies. One of Oliver's main traits is his excellent time management skills, making him vital in keeping the team on track to meet our goals and prepare for upcoming events. This, paired with his build skills, allow us to arrive at competitions with a high-quality robot that performs consistently.

Josh has taken part in the VEX programme for four years, predominantly as the team leader of 8346D 'Team Steve' as well as a member of 8346D 'Chaos Insurgency' for the last year. Josh's extensive experience with the programme allows him to document our engineering design process to a consistent high quality through our <u>2025 Engineering Notebook</u>. Josh also has a range of 'out of the box' ideas regarding robot designs that have in the past played a crucial role in setting ourselves apart from other teams (leading to us winning the Judge's award for our robot design in the 2022 season) and contributes heavily towards setting leam goals and devising match tactics.

Cameron has taken part in the VEX programme for three years as a crucial part of 8346D 'Team Steve' before taking a relaxed role in 8346D 'Chaos Insurgency'. Cameron's best quality is his extensive driving experience in matches. As the dedicated driver of the former team for three years he has picked up useful skills in planning ahead and quick thinking as well as magnificently manoeuvring our robot to victory in matches. Cameron also plays the largest role in our strategies, taking part in all discussions and setting out his capabilities.

WHY SPONSOR US?

Consistency

Our team members practice in attending regular meetings in which we discuss tasks to be completed and any deadlines that we will adhere to. This allows us to have superior time management over other teams, in turn meaning that our performance is far more consistent.

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Quality

All tasks we perform within the team have an attached deadline which serves as a guide on how long we should spend on different tasks. Strict adherence to these is crucial within our team to remain on track and, since these deadlines incorporate all other tasks being completed, no tasks should be completed to a lower quality than others. This builds up our high standards for the quality of task completion.

Professionalism

A key part of our time management/operational strategy is that no team member should be left without a task. Every team member has a dedicated role/set of roles within the team and have set tasks for which they are accountable for. This allows for a largely efficient style of operations which boasts great professionalism.





Return on Investment

If you choose to sponsor our team, your business will:

- Be prominently displayed on our social media platforms, competition uniforms and robot branding throughout the season.
- Be featured in our engineering notebooks, upcoming website and 3D printed promotional materials
- Receive regular updates including team progress, competition highlights, behind-the-scenes content and a detailed financial report
- Be invited to attend exclusive team events and local showcases, inviting your business to meet the team and see the robot in action
- Gain access to a dedicated sponsor spotlight post on our social media accounts, introducing your company to our growing network of followers

Additional Benefits:

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To display your dedication to local youth and STEM educational opportunities

To introduce your company to a completely new audience

Enjoy first access to potential collaboration opportunities for STEM outreach events and CSR engagement



<u>Future</u> Outlook







In the upcoming season, we as a team are hoping to compete at the UK National Championship 2026, potentially reaching the Worlds in Texas, USA depending on our seasonal performance. We intend to improve the likelihood of this by attending a large number of competitions, gaining valuable experience with the new game and subsequently having more chances to qualify for the Nationals. We also look forward to the enjoyment of taking part in the upcoming season and to share many unforgettable memories as we have in the recent past.



Thank You,

Hope You Are Interested!

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