



**FRC Team 6962**

**2022**

# Our Team & Mission

RobotX is a team of young and aspiring students, from grades 6 through 12, based in Khan Lab School in Mountain View, California. The 2022 season will be our team's fifth year in the FIRST Robotics Competition.

Hands-on learning and passion-driven work are highly encouraged at KLS. This year, with new members and an expanding team, we are launching a new mission for RobotX: to inspire and expose students to the exploration of science, mathematics, computer science, and technology. We hope to represent our self-driven school in FRC competitions and share our experiences and knowledge with the rest of our community.

Sal Khan, founder of KLS and author of *The One World Schoolhouse*, is a big advocate for mixed-age learning. In keeping with this vision, we have students as young as five and as old as eighteen interested in STEM fields at school. Through competition, students of all ages are getting exposure to not only engineering skills, but also critical thinking, problem-solving, financing, teamwork, leadership, marketing, and presentation skills.



# Our Actions

All members of RobotX dedicate upwards of 16 hours weekly in and outside of school on a year-round schedule. We spend our time designing, prototyping, programming, and building our robot. Outside of the build season, we host workshops to familiarize our members with the tools, build team connections, and share our experiences and lessons from previous years. The workshops are offered to students from elementary to high school. We maximize this off-time to prepare, organize, and plan for the upcoming season. We value a close team bond and equal opportunities to build leadership and teamwork skills and ensure a good season.

# Our History & Success

At the beginning of the 2018 season, we came together to form RobotX with one goal: to be the best rookie team that we could be. We worked to achieve this goal through commitment, hard work, and excellence in our roles. We hoped to be able to compete at the same level as veteran teams. To accomplish this, we worked daily to create a robot capable of competing at a high level. The season taught us to never give up. Taking home the **Highest Rookie Seed Award** further proved the vast potential of RobotX.

In the 2019 Destination: Deep Space competition, with more insight and experience, we ranked 16th, qualifying for the quarter-finals. We had our entire community supporting us; parents, friends, and teachers in the bleachers and back at home live streaming our matches for the school. Thanks to sponsor and community support, we took home the **Team Spirit Award**. We also participated in our first off-season competition, CalGames 2019. This was a great opportunity for our team to introduce new or prospective members to robotics by improving on the robot in workshops and applying what we had learned in the Regionals to secure 5th place and become 3rd seed alliance captain.

Although cut short, we spent our 2020: Infinite Recharge season experimenting with automation and a wider variety of designs and mechanics, including lift functionalities and transfer mechanisms. In outreach, we launched our first workshops in design, CAD, and software and participated in a school carnival to give elementary students exposure to robotics.

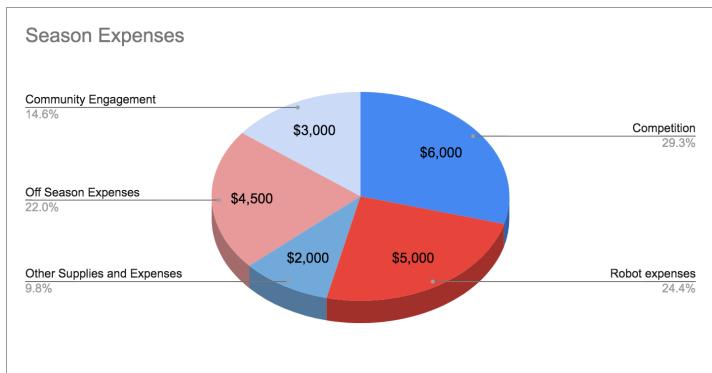
In the remote 2021 season, we participated in the Game Design Challenge (GDC) and the Infinite Recharge @ Home Challenge (IRH). For GDC, we developed a unique game concept by incorporating time as a changing game variable, animated a seamless explanation video, and won the Imagery Award in honor of Jack Kamen. For IRH, we perfected our automation and control replay system.



Our sponsors have been an important part of our past accomplishments. With their support, we were able to learn more about the student STEM community and expand our robotics skills. Many of our team's alumni have gone into STEM-related fields, and many more students have been inspired to join our team. We hope that you can be a part of our mission and inspire youth like us to continue to use our skills in engineering, marketing, designing and many others for this 2022 RobotX season.

# Our Request

At RobotX, our goal isn't just to win, but also to spread our passion for the fields of science, engineering, and math. This year we aim to raise \$20,500 and we hope that you and your organization can assist us in meeting this goal.



## Budget Plan

Competition - \$6,000  
Robot Expenses - \$5,000  
Community Engagement - \$3,000  
Off Season Events - \$4,500  
Other Supplies and Expenses - \$2,000

Total Season Expenses - \$20,500

Your tax-deductible contribution\* will go not only towards directly funding our team, but also symbolize your support for the long-term investment in young and aspiring students.

We would also appreciate in-kind donations, such as access to machine shops, tools, or other goods and services.

Additionally, sponsors receive rewards and updates on the team's progress and details on the robotics experience.

\*Team 6962 is a student club of Khan Lab School, a 501(c)(3) organization. Donations may be made to Khan Lab School with a designation for RobotX, Team 6962.

# **Partnership Benefits**

Our sponsors are featured prominently on our robot, website, team merchandise, and more. They are worn and brought to all events and competitions to be displayed for other peers, teams, and judges to view.

## **Xcellent - \$100**

- Website: Business Name
- Marketing Packet: Business Name
- Thank You Letter and Gift

## **Xceptional - Up to \$500**

- Website: Business Name
- Marketing Packet: Business Name
- Marketing Video: Business Name
- Thank You Letter and Gift

## **Xemplary - Up to \$1000**

- Website: Business Name and Small Logo
- Marketing Packet: Business Name
- Marketing Video: Business Name
- Thank You Letter and Gift

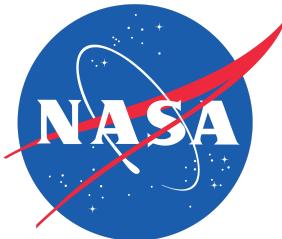
## **Xtraordinary - Up to \$2500**

- Website: Business Name and Big Logo
- Marketing Packet: Business Name
- Marketing Video: Business Name
- Team Shirt: Logo
- Thank You Letter and Gift

## **Xtragalactic - Over \$2500**

- Website: Business Name and Big Logo
- Marketing Packet: Business Name
- Marketing Video: Business Name
- Team Shirt: Logo
- Robot: Logo
- Thank You Letter and Gift

## Our Past Sponsors



the brin wojcicki  
foundation



Blue  
Clover  
Devices



## Thank You!



As RobotX moves forward into 2022, we hope to partner with your organization for a strong season. We invite you to visit our lab anytime and will follow up over email. See the next page to learn how to reach out to us.

# Contact Information

Visit us at our website: <https://team6962.com> or see our social media pages @frcteam6962.

Additionally, you can contact us at [contact@team6962.com](mailto:contact@team6962.com).

## **Main Contacts:**

Chi-Ray Chien

Lead Mentor

[chi-ray@team6962.com](mailto:chi-ray@team6962.com)

Sita Vemuri

Marketing & Communications Lead

[sitav@team6962.com](mailto:sitav@team6962.com)

## **Sponsorship Information:**

We would greatly appreciate it if you would sponsor us!

Please make checks payable to Khan Lab School, *designating RobotX, Team 6962 in the memo*.

Donations may also be made through [our site here](#). All your donations are tax-deductible. Note, however, that the online processor charges us a 3% fee if you elect to donate through the website.

## **Mailing Address:**

Khan Lab School, RobotX

Attn: RobotX

1200 Villa St #100

Mountain View, CA 94041