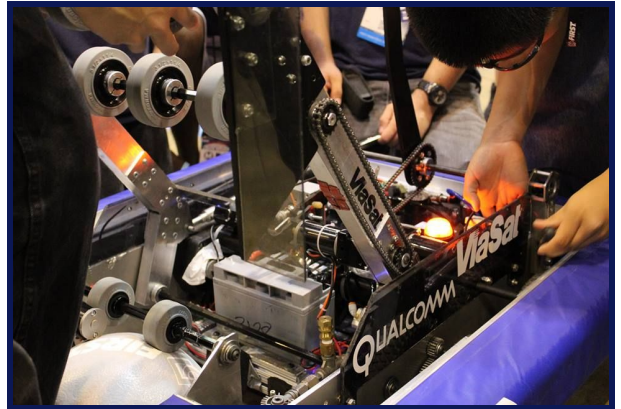


FRC Robotics Team 3128: The Aluminum Narwhals Team Information

Canyon Crest Academy

Mission

Our mission is to create an environment where students and professional engineers of all backgrounds can work together in an environment to *gain knowledge and application of STEM*. With this program, we hope to provide an avenue for students to foster a passion for science, technology, and engineering, and develop critical thinking, problem solving and team building skills. Not only do members learn applications of engineering through robotics, but also *gain crucial career skills* universally sought by employees through involvement in business and marketing.



Involvement in FIRST

Following the FIRST values, our team teaches students valuable skills to succeed in the modern world through a *strong relationship between students and the local engineering community*. All the teams collaborate with local mentors and corporate sponsors to create a solid support system for the build/outreach projects that the team wishes to take on. With our growth of active members on the team, we take on complex robot projects, teach each other valuable skills, and contribute to the learning environment created by our team. This is all done in preparation for the competition's build season in January, where students and mentors come together to create a strategic plan, design/build the robot, and practice different competition round scenarios within 6 weeks. This program is held together by separate departments (i.e. Mechanical, Controls, Business, Submissions) that are equally responsible for the success of our achievements.

Reaching out to STEM Community

One of the most important goals we have as a team is to continuously increase the positive impact we have within our community. As each year progresses, we have *developed a complete marketing and community outreach plan* that encompassed many of our original goals: building a thriving and energetic technology program at our high school, expanding to local middle schools and starting FLL teams, involving the community of San Diego, working with engineering mentors from our corporate sponsors, and emphasizing the *importance of responsibility within the STEM community*.

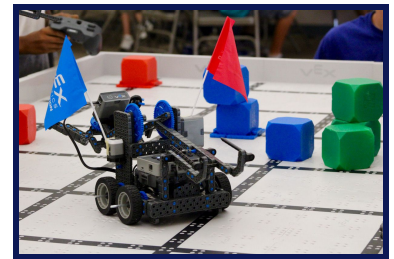
- Team 3128: The Aluminum Narwhals Robotics Summer Camp
- Library Workshops at Carmel Valley Library
- Qualcomm QKids Presentations
- Robot Demonstrations
- Mentor elementary and middle school robotics teams
- Host San Diego FIRST FTC Robotics Regionals (2015, 2016)

Awards

<i>Qualified & Attended World Championships (2010, 2016)</i>
<i>Semi-finalist of Las Vegas Regionals(2016)</i>
<i>Engineering Inspiration Award (2016)</i>
<i>Entrepreneurship Award (2015)</i>
<i>Creativity Award (2014)</i>
<i>Dean's List Finalists (2013,2014)</i>
<i>Rookie All Star Award (2010)</i>

How Your Sponsorship Will Help

With your support, we can help our team engage, educate, and advance students in STEM subjects so they can get the most of their education and become the next great set of minds solving the world's problems when they leave college. Our team is **100% self-funded**, meaning that we don't get any funding from the school. As a result, sponsors and parents donors are instrumental to our **student-led team**.



Budget Plan

The money that you donate will cover the costs of our robot parts that we need to purchase to create a strong and competition level robot. Your support will greatly assist us in paying for parts. Here is a list of categories and how much we spent on them last season.

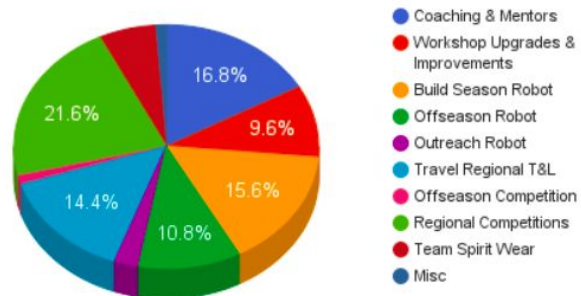
- Pneumatics ▶ \$1270.18
- Electronics ▶ \$1680
- Drive Train ▶ \$1225.15
- Raw Materials ▶ \$3000
- Gears/Gearboxes ▶ \$1002.7

Net Cost ≈ \$ 8178.03

Throughout the season, there are many expenses involved in managing a high caliber team like this. Without our sponsors, we wouldn't be able to open opportunities for our team to grow and develop.

Here is our budget plan for the current season, and the percentage of the amount of money we will spend on the corresponding category.

Budget Expenses



Total Expenses: \$50,000

Sponsorship Levels

Aluminum Narwhals
team3128.org

Title Sponsors (greater than \$10,000):

- Featured as Primary Sponsor for Team at Key Events (FRC Competitions, Off-Season Events)
- Formal Banquet in honor of sponsor
- Mentioned in all publications and media interviews
- Company logo on website, robot, and team shirts.
- Company logo displayed at team pit-area table.
- Personalized thank you plaque from team.
- Personal demonstration of robot at sponsor facility.
- 50 team buttons & wristbands

Platinum Sponsors (greater than \$5,000):

- Company logo on website, robot, and team shirts.
- Company logo displayed at team pit-area table.
- Personalized thank you plaque from team.
- Personal demonstration of robot at sponsor facility.
- 50 team buttons & wristbands

Gold Sponsors (greater than \$2,500):

- Company logo on website, robot, and team shirts.
- Personalized thank you plaque from team.
- 50 team buttons & wristbands

Silver Sponsors (greater than \$1,000):

- Company logo on website and team t-shirts.
- 50 team buttons & wristbands

Bronze Sponsors (greater than \$250):

- Company logo on website.

Contacts

- *Tyler Carter* - Lead Mentor tyler@team3128.org
- *Christine Taylor* - Lead Parent sd.taylor@live.com
- *Joanne Couvrette* - Foundation Executive Director joanne.couvrette@sduhsd.net

How to Donate

Donate online: <http://team3128.org/donate/>

Checks should be made payable to “Canyon Crest Academy Foundation”, with memo “QUEST/Robotics”.
Please mail to: 5951 E Village Middle Loop Rd, San Diego, CA 92130

Canyon Crest Academy Foundation, Inc. is a 501(c)3 non profit.

Tax ID 03-0542702.

All donations are tax deductible.