FRC Team 3128: Aluminum Narwhals

2018-19 Sponsorship Info Packet

3128 aluminum narwhals

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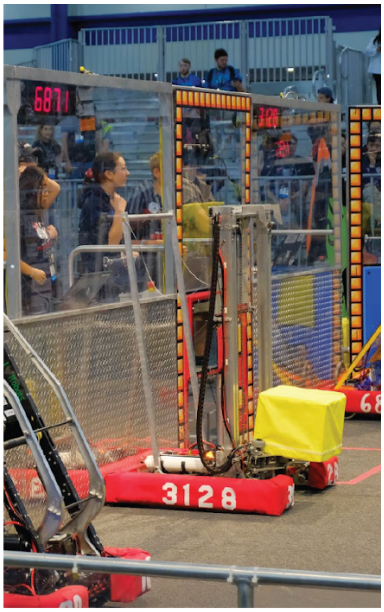
What We Do

Our Mission

> *Our mission is to utilize teamwork to invigorate students' passions for innovation, creativity, and problem solving in science, technology, and engineering fields, and ultimately work towards creating a better tomorrow.*

On Team 3128: Aluminum Narwhals, we strive 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 (Mechanical, Controls, Business, Marketing, Strategy) that are equally responsible for the success of our achievements.

Reaching out to the 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.

Robotics Summer Camp

Library Workshops at the Carmel Valley Library

Qualcomm QKids Presentations

Robot Demonstrations

Mentoring Elementary and Middle School FIRST Lego League Teams

Hosting San Diego FIRST Tech Challenge Robotics Regionals (2015, 2016)

Maker Faire

Robotics Workshops in Panama

Awards and Accomplishments

2010

San Diego Regional
Rookie All-Star Award

World Championships - Atlanta
Competed in Newton Division

2012

World Championships - St. Louis
Competed in Archimedes Division

2013

San Diego Regional
FIRST Dean's List Finalist - Soren Price

2014

San Diego Regional
FIRST Dean's List Finalist - Kian Sheik
Creativity Award sponsored by Xerox

2015

San Diego Regional
Entrepreneurship Award sponsored by Kleiner Perkins Caufield and Byers

2016

Las Vegas Regional
Engineering Inspiration Award

World Championships - St. Louis
Competed in Galileo Division

Awards and Accomplishments (con't)

2017

San Diego Regional
Finalist

World Championships - Houston
Competed in Carver Division

2018

San Diego Regional
Finalist
Innovation in Controls Award sponsored by Rockwell Automation

Idaho Regional
FIRST Dean's List Finalist - Ronak Roy

World Championships - Houston
Newton Subdivision Finalist

Sponsorships

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

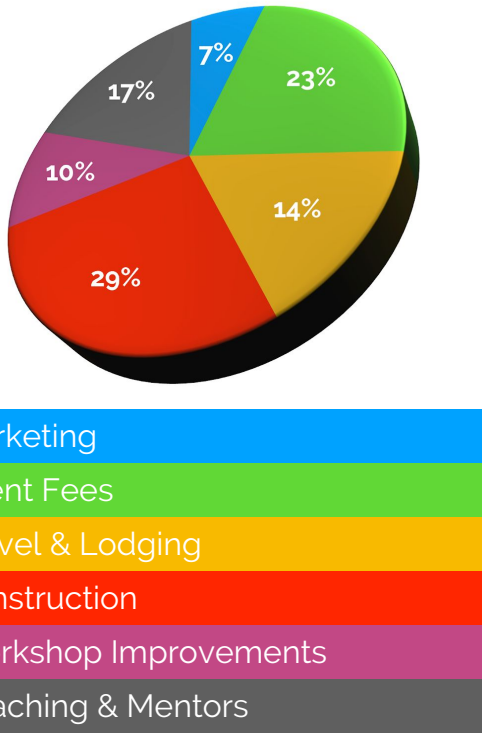
Your sponsorship will cover not only the costs of components that we directly use in the construction of a strong, competition-level robot, but also upgrading our workshop to be able to support teaching new members and being able to compete at higher levels. Here is the breakdown of team expenses and cost of parts on our competition robot in a typical season.

Robot Expenses

Category	Cost
Pneumatics	$1270
Electronics	$1680
Drive Team	$1230
Raw Materials	$3000
Gears/Gearboxes	$1000
Net Cost	**$8180**

Total Season Expenses: ~$50,000

Yearly Expenses



Sponsorship Levels

Our sponsors are incredibly important to us, so we'd like to show our appreciation. Each sponsorship level has benefits. The benefits are cumulative, so for each level, all items that appear for that level and below apply.

Title ($10,000+)

- Featured as Title Sponsor at FRC Competitions & Off-Season Events
- Featured as Title Sponsor at yearly banquet

Platinum ($7,500+)

- Demonstration of our competition robot at sponsor facility

Gold ($5,000+)

- Featured as team sponsor at our pit at FRC Competitions
- Plaque of appreciation and gift basket

Silver ($2,500+)

- Featured as team sponsor on our competition robot
- Invitation to yearly banquet

Bronze ($1,000+)

- Featured as team sponsor on team t-shirts
- Recognition on our team's social media (Instagram, Facebook, Twitter)
- Recognition on team multimedia publications

Friend ($500+)

- Featured as team sponsor on team website
- Team "Thank You" bag with merchandise