

**Cadmus 310 Robotics –**

**Westlake High School**

**Partnership Package**

# About Us

Cadmus Robotics has a mission of promoting STEM education in the community. Since our founding in 2007, we have helped students learn programming, problem-solving, networking, teamwork, and more.



Website: <http://team310.weebly.com/>

YouTube: <https://www.youtube.com/user/cadmus310a>

# Accomplishments

Cadmus Robotics 310A and 310B have competed in VEX Robotics competitions for 8 years, having a successful season this year. This year, 310A and 310B received 3 trophies and placed high on World Rankings.

2014-2015 Season Accomplishments:

- 310A
  - Design Award @ Crespi Valentine's Day Skyrise Tourney
  - Robot Skills Winner @ Orange Lutheran High School January VEX Tournament
  - 8th Place in California Skills Rankings and 79th Place in World Skills Ranking with 38 points
- 310B
  - Robot Skills Winner @ Crespi Valentine's Day Skyrise Tourney
  - 5th Place in California Skills Rankings and 52nd Place in World Skills Ranking with 39 Points

# Goals

Cadmus Robotics, in the 2015-2016 season, plans on teaching students fundamental concepts in programming, designing, and building robots through hands-on experience in the VEX Robotics Competitions. While teaching students these fundamental concepts of engineering, we aspire to win VEX competitions and get to Worlds, the highest level competition in VEX Robotics.

# Sponsorship Levels

<b>Description</b>	\$750+	\$250-749	\$249-
Name on Website	✓	✓	✓
Name on T-Shirts	✓	✓	
Name on Competition Poster	✓		
Name on YouTube Videos	✓		

# 2015-2016 Vex Budget

Item	Price
Robot Parts	\$2000
Competition Entry Fees	\$1800
T-Shirts	\$500
Other	\$500
<b>Total</b>	<b>\$4800</b>

By supporting Cadmus Robotics, you are helping grow STEM in Westlake High School. With sponsorship money, we will be able to purchase more parts and extend our presence in the community. More parts would allow us to introduce more students to robotics, helping to foster increased interest in STEM.

Your donations will help fund experiences faced through the process of building a robot such as teamwork, working under stress and/or a time-limit, planning, and communication. These

experiences ready students for the new, growing technology sector.

Sponsorship will be an investment in the future leaders in science, technology, engineering, and math, and is also a great opportunity for business and brand exposure. California's branch of VEX contains the most teams than any other state, and any other country and often sees over 500 people in attendance at events.

## Skills Acquired

In the process of constructing a competitive robot, students learn a variety of skills:

- Use of power tools (Drills, Saws, Dremels)
- Understanding of Programming
- Understanding of Motors, Gears, and Drive Systems
- Understanding of Torque and Friction
- Teamwork and Leadership Skills

# VEX Robotics

The VEX Robotics Competition, presented by the Robotics Education & Competition Foundation, is the ultimate STEM activity for middle school and high school students (ages 11-18).

Each year, an engineering challenge is presented in the form of a game. Students, with guidance from their teachers and mentors, use the VEX Robotics Design System to build innovative robots designed to score the most points possible in qualification matches, elimination matches and Skills Challenges. In addition to having a great time and building amazing robots, through their participation in the VEX Robotics Competition and their work within their team, students will learn many academic and life skills.

# Thank You!

For your generous support of Cadmus Robotics and for supporting our future engineers and scientists through enhancing STEM education in Westlake High School.

If you have any questions about sponsorship, the team's progress or anything else, please email us at

[whsphysics@outlook.com](mailto:whsphysics@outlook.com)



# Partnership Form

Amount Enclosed \$ \_\_\_\_\_

Primary Contact: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Please send contributions to:

Please make checks payable to: Cadmus Robotics

Deductible 170(C) status ID: 95-28688-99

For more information contact:

[whsphysics@outlook.com](mailto:whsphysics@outlook.com)

(Please mail this form with your donation)