

Welcome to **VEX Robotics** **Competition (VRC)**

Edwin Kofler and Eli Helmer

Eli Helmer

- ⦿ Junior in El Segundo High School
- ⦿ Third Year in the El Segundo High School Robotics Club
- ⦿ Have 3D modeled since the beginning of high school using Autodesk Inventor
- ⦿ Hobbies: Building structures and sketching

Edwin Kofler

- ⦿ Junior in El Segundo High School
- ⦿ Second Year in the El Segundo High School Robotics Club
- ⦿ Started learning to program at the beginning of the year (Learn Programming Club)
- ⦿ Have been 3D modeling using Autodesk Inventor for a few years now
- ⦿ Hobbies: Video editing and Photoshop

Agenda

- ⦿ VEX Overview
- ⦿ VEX Competition
- ⦿ VEX Trailer
- ⦿ Kahoot
- ⦿ Slack Signups

VEX Overview

- ⦿ Compete in teams to design, build, and code robots
- ⦿ Apply STEM concepts by solving real world challenges
- ⦿ Learn how to prepare to build a robot
- ⦿ Document the process of preparing and building a robot
- ⦿ Build and program a robot

Different **VEX** Competitions

- ⦿ Each one is targeted to a different age group

VEX IQ



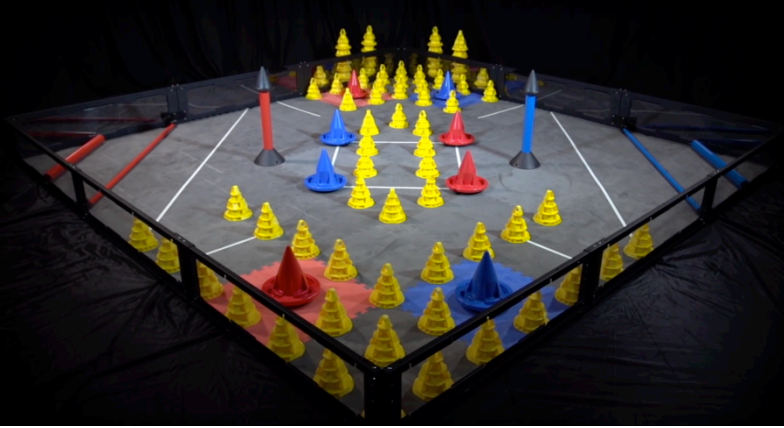
VEX EDR



VEX PRO

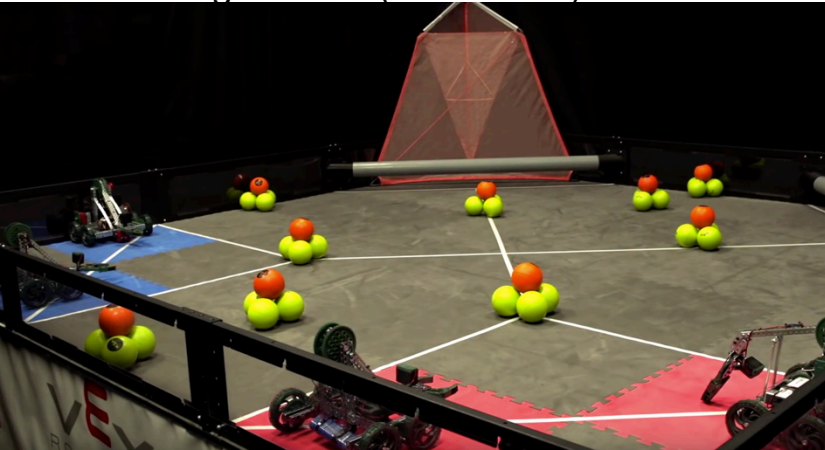


VEX EDR History



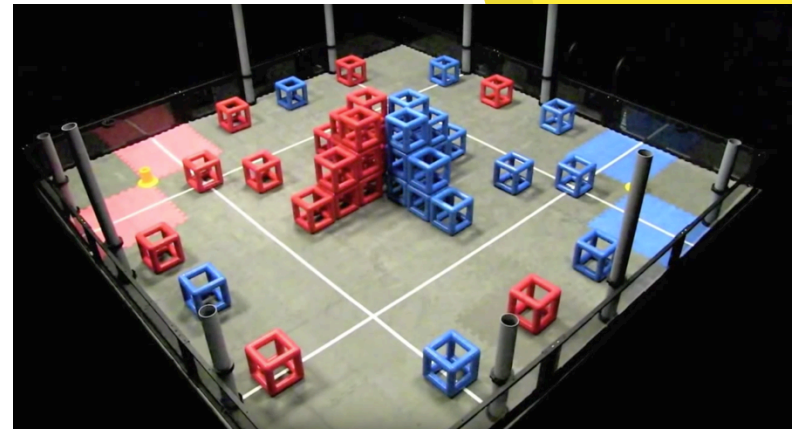
VEX In the Zone (2017-2018)

VEX Nothing But Net (2015-2016)



VEX StarStruck (2016-2017)

VEX SkyRise (2014-2015)



Slack

- ⦿ Superior 21st century communication
- ⦿ Channels
- ⦿ Threads
- ⦿ Direct Messages
- ⦿ @Mention
- ⦿ Do not @channel without a good reason
- ⦿ Email signups right now
- ⦿ Check in daily (takes only 15 second)

ESHS Robotics

Edwin

All Threads
 CHANNELS
 # design
 # engineering
 # frc
 # general
 # lab-cleanup
 # marketing
 # meetings
 # ng-hsic
 # officers
 # photo-dump
 # pit_goals
 # programming
 # random
 # robot-design
 # vex
 # women-in-stem-group
 # workshops
 # frc-news
 # marketing-news
 DIRECT MESSAGES
 slackbot
 Edwin (you)
 Uche Akotaobi

#general

☆ | 61 | 0 | Team wide announcements and work-based matters

Search

@ ☆

June 11th

Edwin 3:33 PM
 joined #general


June 28th

Cheryl Bhence 4:06 PM ☆

I know we're off enjoying summer vacation, but I just learned about this "Strategic Design Workshop" that team#1678 put on: <https://www.youtube.com/watch?v=SVacrE4sKig&feature=youtu.be>. Lots of really great info!

YouTube | Citrus Circuits

2016 Fall Workshops - Strategic Design



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Edwin 7:53 PM
 Yes! Thank you!

+ Message #general

End of Day 1

- ⦿ Slack
- ⦿ Survey Link