

LAUSD VEX IQ League Orientation

Review the League Posting While You Wait:

- Navigate to www.RobotEvents.com in your browser
 - Login not needed until event registration
- Click on **Robot Competitions** and select **VEX IQ Challenge**
- Type "LAUSD" into **Event Name** field and click **Filter** button
- Click on the **Name** of the League you would like to attend
- Scroll down to read the **General Info** tab
- Click on and read the **Agenda** tab and the **Volunteer** tab
- Let us know if you see any errors or have any questions

1

Coach Orientation Meeting

LAUSD East Boyle Heights STEM League
 LAUSD East Del Olmo League
 LAUSD East MaCES League
 LAUSD East Main Street League
 LAUSD East South Gate League
 LAUSD East Virgil League

Contact Information

Kearstie Hernandez - Region East STEAM
 Coordinator (Kearstie.Hernandez@lausd.net)
 LeRoy Nelson - Sponsor (LeRoy@larobotics.org)



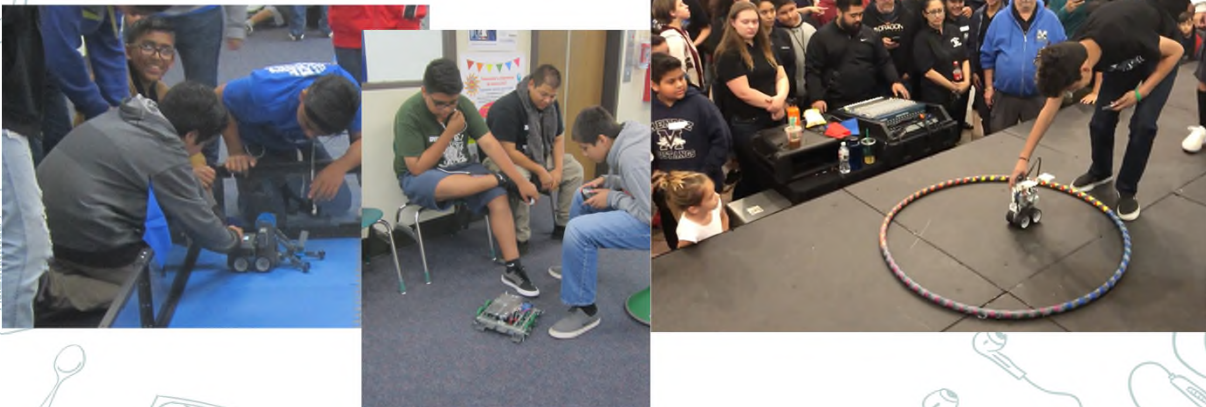
2

LAUSD East VEX IQ League Hosts

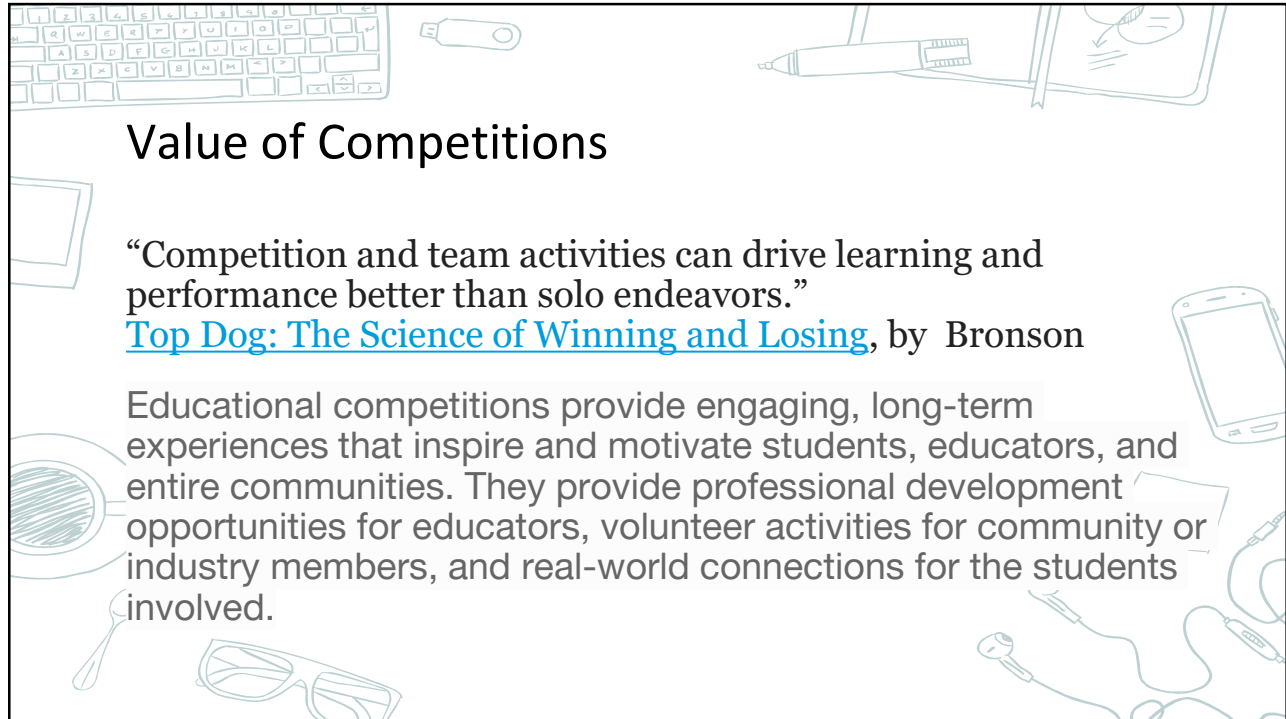
League Host School	Principal	Event Partner
Boyle Heights STEM Academy	Matt Mihm	Israel Hernandez
Frank Del Olmo Elementary School	Rania Nahle	Jose Aragon
Main Street Elementary School	Eva Rodriguez-Chavez	Moises Valentin
Maywood Center for Enriched Studies	Gabriel Duran	Agustin Sarmiento
South Gate High School	Leo Gonzalez	Rowland Santos
Virgil Middle School	Andrew Conroy	Hector Cervantes

3

Why Robotics Competitions? Critical Thinking, Communication, Collaboration, Creativity



4



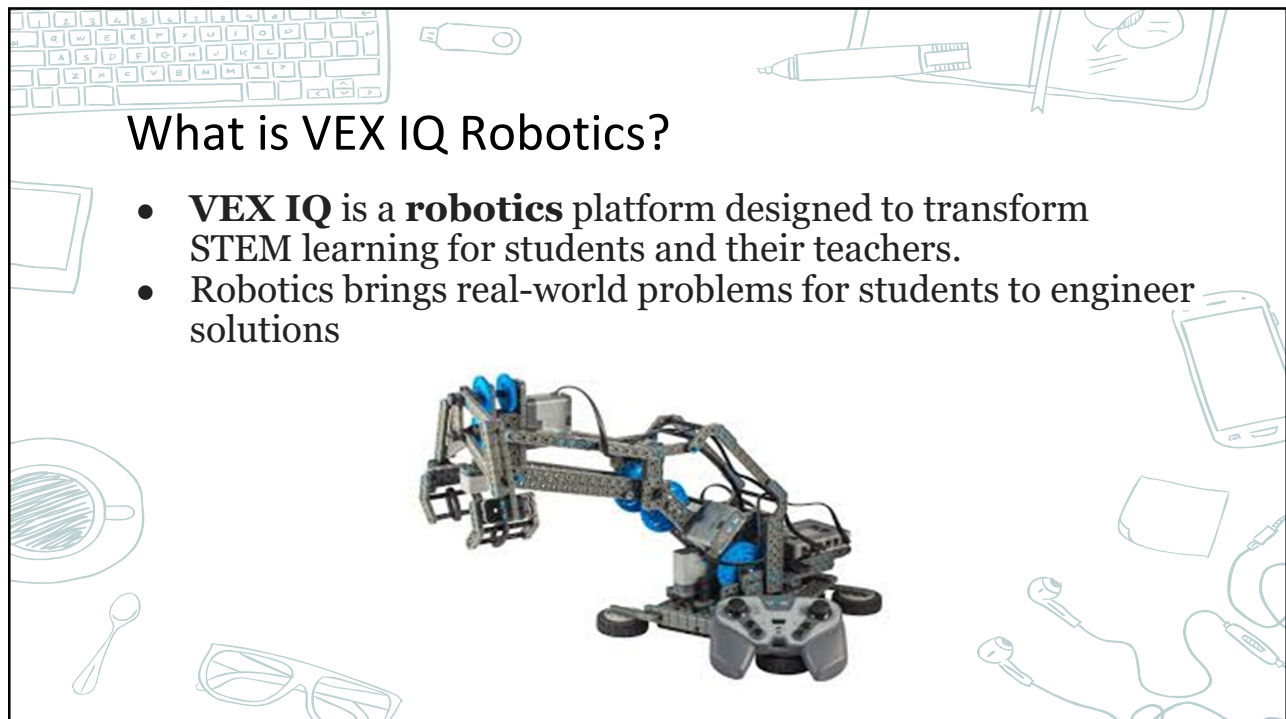
Value of Competitions

“Competition and team activities can drive learning and performance better than solo endeavors.”

[Top Dog: The Science of Winning and Losing](#), by Bronson


Educational competitions provide engaging, long-term experiences that inspire and motivate students, educators, and entire communities. They provide professional development opportunities for educators, volunteer activities for community or industry members, and real-world connections for the students involved.

5



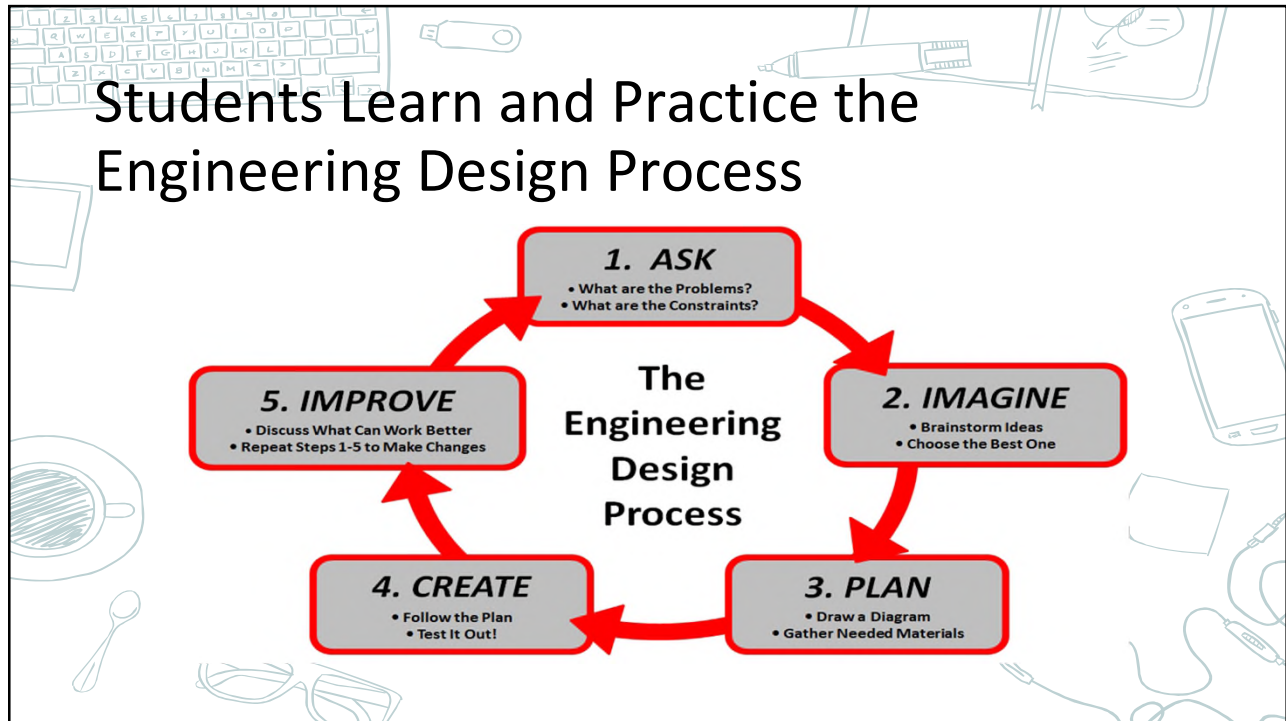
What is VEX IQ Robotics?

- **VEX IQ** is a **robotics** platform designed to transform STEM learning for students and their teachers.
- Robotics brings real-world problems for students to engineer solutions



6

Students Learn and Practice the Engineering Design Process



7

VEX IQ Robotics Competition Rapid Relay

Video (3 min) <https://youtu.be/aa0B7kNHpg8>



8

Thirteen LAUSD VEX IQ Leagues

Region	Grade Levels	Capacity	League Host School Name
East	ES/MS	36	Boyle Heights STEM Academy
East	ES	24	Frank Del Olmo Elementary School
East	ES	24	Main Street Elementary School
East	ES/MS	36	Maywood Center for Enriched Studies
East	ES	24	South Gate High School
East	MS	24	Virgil Middle School
North	ES	36	Chatsworth Charter High School
North	MS	36	Chatsworth Charter High School
North	ES	24	Montague Charter Academy
North	ES	24	Nobel Charter Middle School
South	ES/MS	24	Rudecinda S Dodson Middle School
South	ES	24	Stephen M White Middle School
West	ES/MS	24	Fairfax High School

9

LAUSD East VEX IQ League Schedules

<http://larobotics.org/NTGLEagues.html>

League Host School Name	Times	League Orientation	League Session Dates			
			Qual. 1	Qual. 2	Qual. 3	Champ.
Boyle Heights STEM Academy	4-7pm		Fri 10/25/24	Fri 11/15/24	Fri 12/13/24	Fri 01/31/25
Frank Del Olmo Elementary School	4-7pm	Fri 10/04/24	Mon 10/07/24	Mon 10/28/24	Mon 12/02/24	Mon 02/03/25
Main Street Elementary School	4-7pm		Wed 10/09/24	Wed 11/13/24	Wed 12/11/24	Wed 01/29/25
Maywood Center for Enriched Studies	4-7pm		Fri 10/18/24	Fri 11/01/24	Fri 12/06/24	Fri 01/17/25
South Gate High School	4-7pm		Wed 10/16/24	Wed 11/06/24	Wed 12/04/24	Wed 01/22/25
Virgil Middle School	4-7pm	Fri 10/11/24	Mon 10/21/24	Mon 11/18/24	Mon 12/09/24	Mon 01/27/25

10

League Sessions

- The first Qualifying session begins with Team Check-in and Robot Inspection. At Check-in, teams verify release forms, turn in checks, and sign up to provide one volunteer for at least one league session if they did not do so at Orientation. One optional Teamwork Challenge Practice Match for each team will be followed by three or four Teamwork Challenge Qualifying Matches.
- The next two Qualifying sessions begin with Check-in and Robot Inspection, followed by four Teamwork Challenge Qualifying Matches.
- The final Championship session begins with Check-in and Robot Inspection, followed by Robot Skills Challenge Matches and Judging follow-up Interviews, followed by Teamwork Challenge Finals Matches and Awards.
- Teams need to check in and robots need to pass inspection by deadlines to be included in the Teamwork Challenge match schedule.

11

Agenda for League Events

3 Qualifying Sessions	Final Championship Session
3:30-4:00 PM Doors open. Set up	3:30-4:00 PM Doors open. Set up
3:30-3:45 PM Volunteers check in	3:30-3:45 PM Volunteers check in
4:00-4:30 PM Teams check in	4:00-4:30 PM Teams check in
4:00-4:45 PM Robot Inspection	4:00-4:45 PM Robot Inspection
4:45-5:00 PM Opening Ceremony / Event Meeting / Announcements	4:45-5:00 PM Opening Ceremony / Event Meeting / Announcements
5:00-7:00 PM Teamwork Practice and Qualifying Matches	4:15-7:00 PM Robot Skills Matches and Judging
7:00-7:30 PM Teams depart / Tear down / Doors close	7:00-7:45 PM Teamwork Finals Matches and Awards
	7:45-8:15 PM Teams depart / Tear down / Doors close

12

Volunteers (for leagues with 24 or 36 teams)

- Leagues need at least 7 or 9 trained volunteers that can attend all sessions
 - 1-2 or 2-3 Robot Inspectors, Queue Crew (one adult, others can be students)
 - 2 or 2-3 Head Referees (certified, age 16+), 2 or 3 Scorekeeper Referees (age 15+)
 - 1-2 Emcees, 1 VEX TM Computer Operator
- Each team is asked to provide one volunteer for at least one session:
 - 1-2 or 2-3 Check-in, Queue Crew (one adult, second can be student)
 - 1-2 or 2-3 Field Reset (students)
 - 1-2 Practice Field Official (one adult, second can be student)
 - 6-9 or 9-12 Remote Judges (adults, before Championship Session only)
 - 2-3 In-person Judges (adults, Championship Session only)
- Schedule volunteers at League Orientation or at first league session.
- A brief overview of the volunteer roles is available online at:
 - <https://kb.roboticseducation.org/hc/en-us/articles/4969327789207-Volunteer-Roles-Available>


13

VEX Participant Release Forms

- VEX Participant Release Forms are required for all team members
 - Student forms are signed/submitted by parents or guardians
 - Coaches, Mentors, and Parent Volunteers need forms for each team
 - Audience members do not need forms
 - Available in English and Spanish
 - Are good all season for one team number and program
- Instructions for online and paper forms are in REC Library
 - <https://viqrc-kb.recf.org/hc/en-us/articles/9778547067159-Participant-Release-Form>
- Online forms
 - Team Contacts can get links for Pre-filled forms for each team at RobotEvents.com / My Account
- Paper forms
 - Team Contacts can download PDFs to print for parents and scan signed forms and upload at RobotEvents.com / My Account

14

Field Trips



integrated field trip system



<https://achieve.lausd.net/Page/15087>

15

Media Release Form

STEPS

- ▶ Home
- ▶ Courses
- FEMA
- ▶ CERT
- ▶ Demo Reel
- ▶ Partnerships
- ▶ Supplies
- Resources
- ▶ Emergency Services
- ▶ YOYO7
- ▶ Parent Emergency Information

Media Release Forms

A completed form is required to post any information on the web or used for publicity regarding students or staff. A parent's signature is required for students under the age of 18. Students over the age of 18 may sign for themselves. **LAUSDnet requires ALL personal information posted on LAUSDnet have verifiable written permission on file at the school or office site.** This includes, photographs, names or other information. This document grants the District the right to print, photograph, record, and edit as desired, the biographical information, name, image, likeness, and/or voice of the student or staff on audio, video, film, slide, or any other electronic and printed formats, currently developed, (known as "Recordings") for the purposes stated or related to the specific request.

[Release Form - English \(.pdf\)](#)
[Release Form - Armenian \(.pdf\)](#)
[Release Form - Chinese \(.pdf\)](#)
[Release Form - Korean \(.pdf\)](#)
[Release Form - Russian \(.pdf\)](#)
[Release Form - Spanish \(.pdf\)](#)

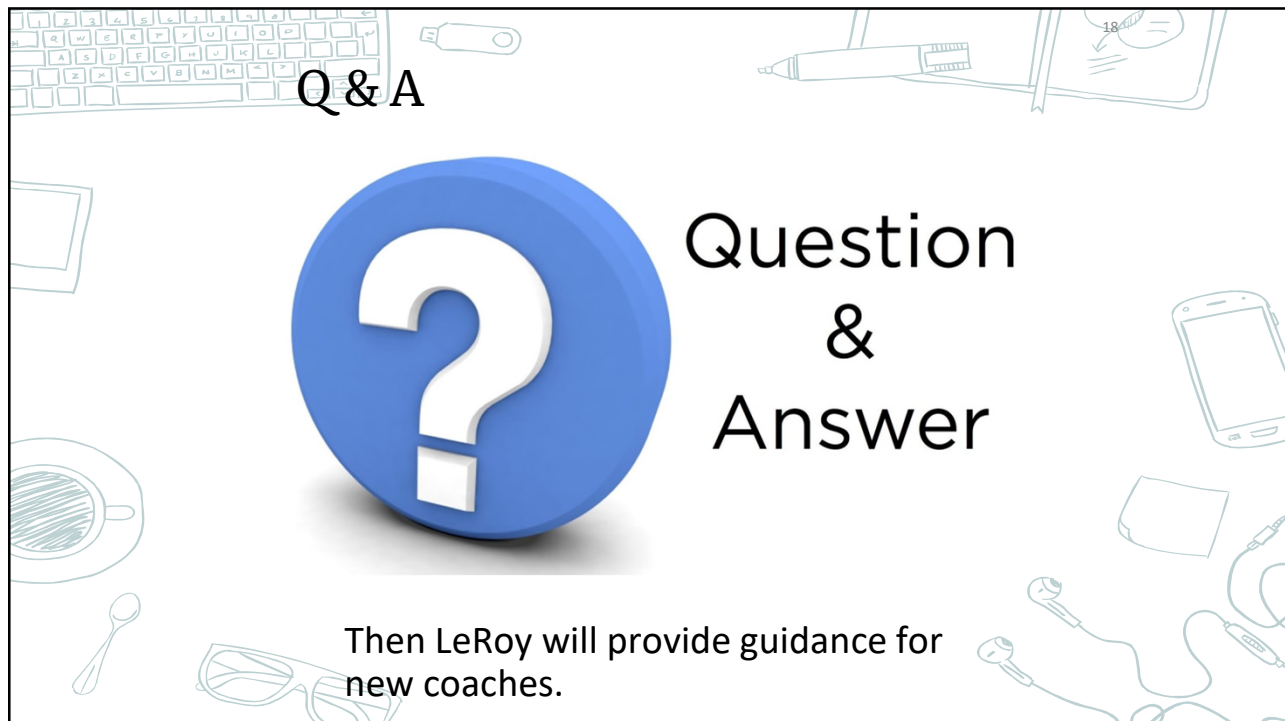
<https://achieve.lausd.net/Page/2794>

16

Register Your Team For The League

- Log into www.RobotEvents.com in your browser
- Click on **Robot Competitions** and select **VEX IQ Robotics Competition**
- Type **LAUSD** into **Event Name** field and click **Filter** button
- Click on the **Name** of the League that you want to attend
- Click on **Waitlist** (new, easier process for Invitational events)
- Add your **Team Number(s)**
- When an Event Administrator moves your team(s) to **Registered Teams**, your team(s) will be **Registered** and **Unpaid**

17




Q&A

Question & Answer

Then LeRoy will provide guidance for new coaches.

18



Region East Robotics Contact Information

Kearstie Hernandez
STEAM Coordinator
LAUSD Region East
Kearstie.Hernandez@lausd.net

LeRoy Nelson
Team and Event Sponsor
Los Angeles Robotics
LeRoy@larobotics.org
310-529-4637