

Coach Orientations for LAUSD VEX IQ Leagues

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| August 23 3:30 PM | Coach Orientation for LAUSD Central VEX IQ League at Garvanza Elementary Technology & Leadership Magnet |
| August 27 4:00 PM | Coach Orientation for LAUSD East VEX IQ Leagues at Belvedere Middle School (includes Elizabeth LC Leagues) |
| Sept. 12 3:30 PM | Coach Orientation for LAUSD South VEX IQ League at Samuel Gompers Middle School |
| Sept. 13 4:00 PM | Coach Orientation for LAUSD Central VEX IQ League at Barack Obama Global Preparation Academy |
| Sept. 15 8:00 AM | Coach Basic Training for LAUSD VEX IQ Leagues at Barack Obama Global Preparation Academy |
| Sept. 17 4:00 PM | Coach Orientation for LAUSD West VEX IQ Leagues at Augustus Hawkins High School (includes Twain MS League) |

Agenda (Garvanza & Gompers)

- 3:30 Check-in, collect handouts, review League Postings
- 3:40 Welcome and introductions
- 3:45 Why robotics is important to LAUSD
- 3:55 View VEX IQ Challenge Overview and Next Level videos
- 4:00 League schedule and logistics (site specific)
- 4:10 League sessions, typical agendas, volunteers
- 4:40 Review handouts
- 4:50 Required release and field trip forms
- 5:00 Register for your league
- 5:10 Q&A
- 6:00 Wrap up

Agenda (Leagues other than Garvanza & Gompers)

- 4:00 Check-in, collect handouts, review League Postings
- 4:10 Welcome and introductions
- 4:15 Why robotics is important to LAUSD
- 4:25 View VEX IQ Challenge Overview and Next Level videos
- 4:30 League schedule and logistics (site specific)
- 4:40 League sessions, typical agendas, volunteers
- 5:10 Review handouts
- 5:20 Required release and field trip forms
- 5:30 Register for your league
- 5:40 Q&A
- 6:30 Wrap up

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



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

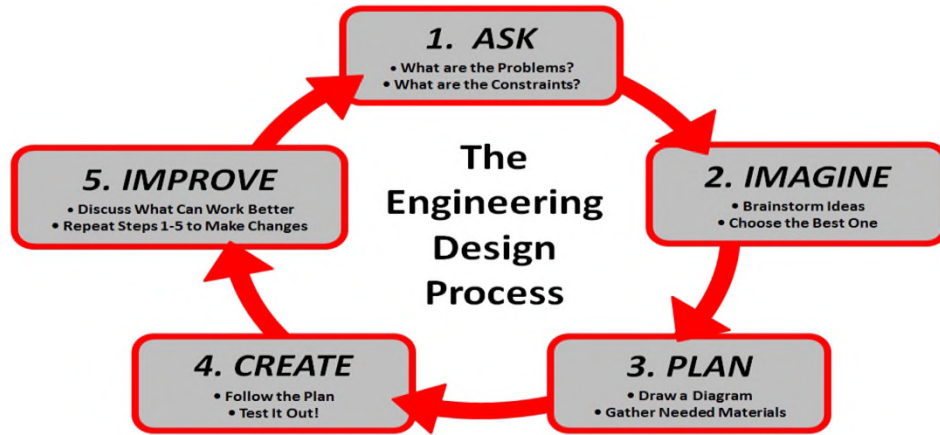
Educational competitions provide engaging, long-term experiences that inspire and motivate students, educators, and entire communities. They provide professional development opportunities for educators, volunteer activities for community or industry members, and real-world connections for the students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

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



Students Learn and Practice the Engineering Design Process



VEX IQ Challenge Overview Video (4 min)

https://www.youtube.com/watch?v=jrCb_n_l3tY



VEX IQ Challenge NEXT LEVEL Video (2.5 min)

https://www.youtube.com/watch?v=IJML1_JNCLI



Two LD Central VEX IQ Leagues

- Garvanza Technology & Leadership Magnet for northern teams
- Obama Global Prep Academy League for southern teams
- Each league meets on five Thursdays between Sept. 20 and Jan. 24
- First four are qualifying sessions, last is championship session
- Each league needs at least 16 teams to send top teams to State
- Garvanza League meets 3:30 to 6:30 PM
- Obama League meets 4:00 to 7:00 PM
- Set up 30 min before league starts, Clean up 30 min afterwards

Three LD East VEX IQ Leagues

- Belvedere Middle School for northern teams
- Elizabeth Learning Center for southern teams, mostly returning
- Each league meets on five Fridays between Sept. 7 and Jan. 18
- First four are qualifying sessions, last is championship session
- Each league needs at least 16 teams to send top teams to State
- Belvedere and Early Elizabeth Leagues meet 4:00 to 7:00 PM
- Late Elizabeth League meets 4:30 to 7:30 PM
- Set up 30 min before league starts, Clean up 30 min afterwards

One LD South VEX IQ League

- Gompers Middle School
- League meets on five Fridays between Sept. 28 and Jan. 25
- First four are qualifying sessions, last is championship session
- League needs at least 16 teams to send top teams to State
- Gompers League meets 3:30 to 6:30 PM
- Set up 30 min before league starts, Clean up 30 min afterwards

Two LD West VEX IQ Leagues

- Augustus Hawkins High School League for eastern teams
 - Overflow to Obama Global Prep Academy League
- Mark Twain Middle School League for western teams
- Each league meets on five Mondays between Sept. 24 and Jan. 28
- First four are qualifying sessions, last is championship session
- Each league needs at least 16 teams to send top teams to State
- Garvanza League meets 3:30 to 6:30 PM
- Obama League meets 4:00 to 7:00 PM
- Set up 30 min before league starts, Clean up 30 min afterwards

League Schedules

| Local District | League Host School Name | Start Time / Fee | Coach Orientation | League Session Dates | | | | |
|----------------|------------------------------|------------------|-------------------|----------------------|----------------|----------------|----------------|----------------|
| | | | | Qual 1 | Qual 2 | Qual 3 | Qual 4 | Champ 5 |
| Central | Garvanza Tech & Ldr Magnet | 3:30 \$100 | Thurs 08/23 | Thurs 09/20 | Thurs 10/18 | Thurs 11/08 | Thurs 12/06 | Thurs 01/24 |
| Central | Obama Global Prep Academy | 4:00 \$100 | Thurs 09/13 | Thurs 09/27 | Thurs 10/25 | Thurs 11/29 | Thurs 12/13 | Thurs 01/17 |
| East | Belvedere MS | 4:00 \$100 | Mon 08/27 | Fri 09/07 | Fri 10/05 | Fri 11/02 | Fri 12/07 | Fri 01/11 |
| East | Elizabeth LC Early ES League | 4:00 \$100 | Go to Belvedere | Fri 09/14 | Fri 10/19 | Fri 11/09 | Wed 12/05 | Fri 01/18 |
| East | Elizabeth LC Late League | 4:30 \$100 | Go to Belvedere | Fri 09/14 | Fri 10/19 | Fri 11/09 | Wed 12/05 | Fri 01/18 |
| NW | Mulholland MS ES League | 4:00 \$150 | -- | Fri 09/21 | Fri 10/19 | Fri 11/30 | -- | Thu 01/17 |
| NW | Mulholland MS MS League | 4:00 \$150 | -- | Fri 10/12 | Fri 11/02 | Fri 12/07 | -- | Fri 01/25 |
| South | Gompers MS | 3:30 \$100 | Wed 09/12 | Fri 09/28 | Fri 10/26 | Fri 11/16 | Fri 12/14 | Fri 01/25 |
| West | Hawkins HS | 4:00 \$100 | Mon 09/17 | Mon 09/24 | Mon 10/22 | Mon 11/05 | Mon 12/03 | Mon 01/14 |
| West | Webster MS | 4:00 \$100 | Go to Hawkins | Mon 10/01 | Mon 10/15 | Mon 11/26 | Mon 12/10 | Mon 01/28 |

LDC Garvanza T&L Magnet League Site Logistics

- Street parking is available on Avenue 62.
- Additional parking is available off Figueroa in lot between Burbank MS and Garvanza
- League sessions in Auditorium
- Computer/printer table, projector, two competition fields, two queuing tables in front
- Check-in table near entrance. Robot inspection at queuing table
- Team tables in center. One or two practice fields in back
- Food and beverages available for purchase outside

LDC Obama GP Academy League Site Logistics

- Parking is available from the 46th Street entrances between Gym and field, either on basketball courts or in underground parking beneath Gym/Auditorium
- League sessions in Gym/Auditorium
- Computer/printer table, video camera, two projectors, two competition fields, two queuing tables, two practice fields in front
- Check-in at table near entrance; Robot inspection at a queuing table
- Team tables in center; Bleachers for audience in back
- Food and beverages available for purchase outside

LDE Belvedere MS League Site Logistics

- Parking in lot
- League sessions in Gym.
- Additional parking available off Figueroa in lot between Burbank MS and Garvanza
- Computer/printer table, video camera, two projectors, two competition fields, two queuing tables, two practice fields in front
- Check-in at table near entrance; Robot inspection at a queuing table
- Team tables in center; Bleachers for audience in back
- Food and beverages available for purchase outside

LDE Elizabeth LC League Site Logistics

- Limited parking is available in lot next to Gym off Clara St
- Additional parking is available in lot off Elizabeth St west of campus
- Two league sessions meet together in Gym. Setup for each league:
- Computer/printer table, projector, two competition fields, two queuing tables in front
- Check-in at table near entrance; Robot inspection at a queuing table
- Bleachers for audience in center
- Team tables and two practice fields in back
- Food and beverages available for purchase

LDNW Mulholland MS League Site Logistics

- Parking is available in lot off Vanowen St. Enter at light at Amstoy Ave
- League sessions in Multipurpose Room
- Computer/printer table, video camera, two projectors, two competition fields, two queuing tables in front
- Check-in at table near entrance; Robot inspection at a queuing table
- Team tables and practice fields in center
- Food and beverages available for purchase in back

LDS Samuel Gompers MS League Site Logistics

- Parking is available in the parking lots on San Pedro St
- Additional parking is available in the parking lot on 112th St, across from the administration building
- League sessions in Gymnasium
- Computer/printer table, video camera, two projectors, two competition fields, two queuing tables, two practice fields in front
- Check-in at table near entrance. Robot inspection at queuing table
- Audience seating in center. Team tables in back
- Food and beverages available for purchase

LDW Augustus Hawkins HS League Site Logistics

- Parking is available in the parking structure on Hoover St with basketball courts on the roof. The entrance is at 58th Pl.
- The league sessions will be held in the MultiPurpose Room (MPR).
- Campus map at: <https://www.hawkinshs.org/apps/pages/campusmaps>
- Computer/printer table, video camera, two projectors, two competition fields, two queuing tables, two practice fields in front
- Check-in at table near entrance. Robot inspection at queuing table
- Audience seating in center. Team tables in back
- Food and beverages available for purchase

LDW Mark Twain MS League Site Logistics

- Google Maps takes you to Beethoven St ES. Go three blocks west
- Parking is available in the parking lot off Lucille Ave at Redwood Ave
- League sessions in two large science classrooms
- Computer/printer table, two projectors and video camera, two competition fields, two queuing tables, audience seating in one room
- Check-in table, team tables, practice fields in other room
- Robot inspection at queuing table
- Food and beverages available for purchase

League Sessions

- The first Qualifying session begins with Team Check-in and Robot Inspection. At Check-in, teams turn in release forms and checks and sign up to provide one volunteer for at least one league session if they did not do so at Orientation. One Teamwork Challenge Practice Match for each team will be followed by several Teamwork Challenge Qualifying Matches.
- The next three Qualifying sessions begin with Check-in and Robot Inspection, followed by several Teamwork Challenge Qualifying Matches.
- The final session is the Championship session. At Check-in, teams turn in their Engineering Notebooks. Robot Inspection is followed by Skills Challenge Matches and Robot Design Judging, followed by 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.

Agenda for Garvanza and Gompers Leagues Qualifying Sessions

3:00-3:30 PM Doors open. Set up

3:15-3:30 PM Volunteers check in

3:30-4:00 PM Teams check in

3:30-4:15 PM Robot Inspection

4:15-4:30 PM Opening Ceremony/Announcements

4:30-6:30 PM Teamwork Practice and Qualifying Matches

6:30-7:00 PM Tear down. Teams depart. Doors close

Agenda for Garvanza and Gompers League Championship Session

3:00-3:30 PM Doors open. Set up

3:15-3:30 PM Volunteers check in

3:30-4:00 PM Teams check in and turn in Engineering Notebooks

3:30-4:15 PM Robot Inspection

4:15-4:30 PM Opening Ceremony/Announcements

4:30-6:30 PM Judging and Skills Matches

6:30-7:15 PM Teamwork Finals Matches and Awards

7:15-7:45 PM Tear down. Teams depart. Doors close

Agenda for Most Leagues (not Garvanza & Gompers) Qualifying Sessions

3:30-4:00 PM Doors open. Set up

3:45-4:00 PM Volunteers check in

4:00-4:30 PM Teams check in

4:00-4:45 PM Robot Inspection

4:45-5:00 PM Opening Ceremony/Announcements

5:00-7:00 PM Teamwork Practice and Qualifying Matches

7:00-7:30 PM Tear down. Teams depart. Doors close

Agenda for Most Leagues (not Garvanza & Gompers) Championship Session

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

Volunteers

- The league needs four trained volunteers that can attend all sessions
 - 1 Emcee, 2 Referees, 1 Computer Operator
- Each team is asked to provide one volunteer for at least one session:
 - 2 Check-in, Queue Crew, (one adult, one can be student)
 - 1 Field Reset (student)
 - 2 Practice Field Official, Queue Crew (one adult, one can be student)
 - 2 Robot Design Judges (adults, Championship Session only)
- Volunteers can be scheduled now or at the first session.
- A brief overview of the volunteer roles is one of your handouts. It is also available online at:
http://link.roboticseducation.org/vrceventdocuments_volunteerresources_volunteerrolesoverview

One Handout Per Team

- Game Description and Scoring
- Game Manual
- Field Appendix
- Awards Appendix
- STEM Research Project
- Volunteer Roles Overview
- Frequently Asked Questions
- How to Start and Organize a VEX IQ Challenge Team
- Tips for Teams to Prepare for Events
- Code of Conduct
- Safety at an Event
- Participant Release Forms
- Inspection Checklist
- Referee Score Sheet

VEX Consent and Release Forms

- VEX Consent and Release Forms are required for all team members
 - Students
 - Coaches and Mentors
 - Audience members do not need forms
- Paper forms
 - Available in English and Spanish (included in handouts)
 - Teams can bring a signed copy to each event (first league session only)
- Online forms for teams
 - Team Contacts can scan signed paper forms and upload to RobotEvents once a team has registered for an event
 - Are good all season


Field Trips

Division of Risk Management and Insurance Services

- Home
- Benefits Administration
- Integrated Disability Management
- Risk Finance and Insurance Services**
 - Property and Liability
 - Risk Finance
 - Civic Center Program
 - Special Events
 - Field Trips**
 - Fingerprinting Program
 - Professional Services Contracts

FIELD TRIPS

Risk Management & Insurance Services (RM) works closely with Principals, Local District Offices, the Office of Instruction and the Office of Environmental Health & Safety (OEHS) to ensure that field trips taken by LAUSD students are not only academically stimulating, but also take place in a safe environment.




Things to Remember:

- One day Field Trips to pre-approved site require school administrator approval only.
- OVERNIGHT TRIPS, OUT OF STATE TRIPS, and sites not on the pre-approved list require the prior approval of the Local District and Risk Management.
- ALL Overnight field trips to pre-approved sites require approval of Local District and Risk Management.
- Please provide 45 days for evaluation of all NON-ROUTINE, OVERNIGHT or OUT-OF STATE trips.

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

Field Trips

Scroll Down on
the Page



ADDITIONAL INFORMATION AND FORMS

- [FIELD TRIP HANDBOOK \(REF 2111.0\)](#)
- [APPROVED CHARTER BUS LIST](#)
- [REQUEST FOR APPROVAL OF SCHOOL ORGANIZED TRIP FOR STUDENTS](#)
- [REQUEST TO ADD NEW SITE TO APPROVED SITE LIST](#)
- [GUIDELINES ON USE OF PRIVATELY OWNED VEHICLES](#)
- [PRE-APPROVED FIELD TRIP SITE LIST](#)
- [FIELD TRIP CHECKLIST](#)

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

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>

Register Your Team For The League

- Log into www.RobotEvents.com in your browser
- 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 that you want to attend
- Select your **Team Number(s)**
- Click on **Register**
- Fill in the requested information
- Select **"Pay Later"** as your **Payment Method** if paying by check

