

Coach Orientations for LAUSD VEX IQ Leagues

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|---------------------|----------------------------------------------------------------------------------------|
| Sept. 11 4:00 PM | LAUSD South VEX IQ League Coach Orientation at Stephen M White Middle School |
| Sept. 13 4:00 PM | LAUSD East VEX IQ League Coach Orientation at Boyle Heights STEM Magnet High School |
| Sept. 18 4:00 PM | LAUSD Northeast VEX IQ League Coach Orientation at Chavez LA-ASE |
| Sept. 19 4:00 PM | LAUSD Central VEX IQ League Coach Orientation at 10th Street Elementary School |
| Sept. 20 4:00 PM | LAUSD East VEX IQ League Coach Orientation at Maywood Center for Enriched Studies |
| Sept. 21 4:00 PM | LAUSD Coach Basic Training at Augustus Hawkins High School |

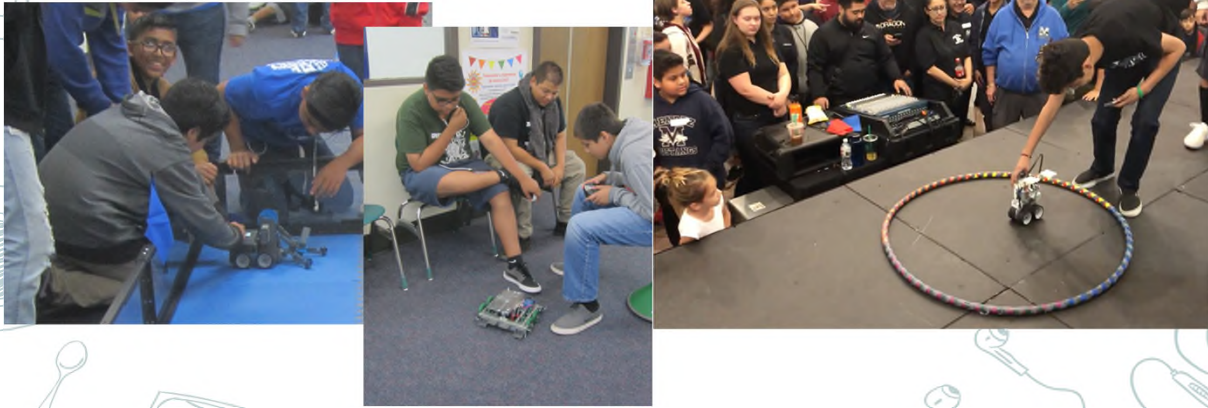
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Agenda

- 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 game video
- 4:30 League schedule and site logistics
- 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

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



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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.

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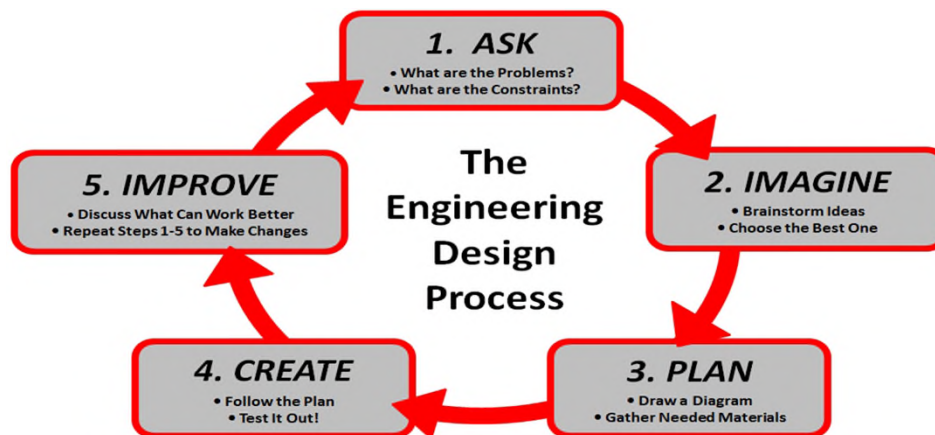
What is VEX IQ Robotics?

- **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



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Students Learn and Practice the Engineering Design Process



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VEX Robotics Overview Video (4 min)

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



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VEX IQ Challenge SQUARED AWAY Video (3 min)

<https://youtu.be/avbzTvlgOEs>



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Eleven LAUSD VEX IQ Leagues

[LAUSD Central VEX IQ League at 10th Street Elementary School](#) 10/3-1/30

[LAUSD Central VEX IQ League at Barack Obama Global Preparation Academy](#) 10/10-1/23

[LAUSD East VEX IQ League at Boyle Heights STEM Magnet High School](#) 10/11-1/24

[LAUSD East VEX IQ League at Maywood Center for Enriched Studies](#) 10/18-1/31

[LAUSD Northeast VEX IQ League at Chavez LA-ASE](#) 10/23-1/22

[LAUSD Northwest VEX IQ Elementary School League at Mulholland Middle School](#) 9/20-1/16

[LAUSD Northwest VEX IQ Middle School League at Mulholland Middle School](#) 10/11-1/24

[LAUSD South VEX IQ League at Samuel Gompers Middle School](#) 10/4-1/17

[LAUSD South VEX IQ League at Stephen M White Middle School](#) 10/16-1/15

[LAUSD West VEX IQ League at Augustus Hawkins High School](#) 10/21-1/27

[LAUSD West VEX IQ League at Mark Twain Middle School](#) 10/7-1/13

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LAUSD VEX IQ League Schedule

| Local District | League Host School Name | Start Time / Fee | Coach Orientation | League Session Dates | | | |
|-----------------|----------------------------------------------------------------------|------------------|-------------------|----------------------|----------------|----------------|----------------|
| | | | | Qual 1 | Qual 2 | Qual 3 | Champ |
| Central | 10th Street Elementary (Replaced Garvanza) | 4:00 \$150 | Thurs 09/19 | Thurs 10/03 | Thurs 10/24 | Thurs 12/05 | Thurs 01/30 |
| Central | Barack Obama Global Preparatory Academy | 4:00 \$150 | -- | Thurs 10/10 | Thurs 11/07 | Thurs 12/12 | Thurs 01/23 |
| East | Boyle Heights STEM Magnet HS (Replaced Belvedere) | 4:00 \$150 | Fri 09/13 | Fri 10/11 | Fri 11/08 | Fri 12/06 | Fri 01/24 |
| East | Maywood Center for Enriched Studies (Replaced Elizabeth) | 4:00 \$150 | Fri 9/20 | Fri 10/18 | Fri 11/15 | Fri 12/13 | Fri 01/31 |
| Northeast (New) | Cesar E Chavez Learning Academies: Academy of Scientific Exploration | 4:00 \$150 | Wed 09/18 | Wed 10/23 | Wed 11/20 | Wed 12/18 | Wed 01/22 |

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LAUSD VEX IQ League Schedule

| Local District | League Host School Name | Start Time / Fee | Coach Orientation | League Session Dates | | | |
|----------------|-----------------------------------|------------------|-------------------|----------------------|--------------|--------------|----------------|
| | | | | Qual 1 | Qual 2 | Qual 3 | Champ |
| Northwest | Mulholland MS ES League | 4:00 \$150 | -- | Fri 09/20 | Fri 10/18 | Fri 11/15 | Thurs 01/16 |
| Northwest | Mulholland MS MS League | 4:00 \$150 | -- | Fri 10/11 | Fri 11/01 | Fri 12/06 | Fri 01/24 |
| South | Samuel Gompers MS | 4:00 \$150 | -- | Fri 10/04 | Fri 11/01 | Fri 11/22 | Fri 01/17 |
| South (New) | Stephen M White MS & STEAM Magnet | 4:00 \$150 | Wed 09/11 | Wed 10/16 | Wed 11/13 | Wed 12/11 | Wed 01/15 |
| West | Augustus Hawkins HS | 4:00 \$150 | -- | Mon 10/21 | Mon 11/18 | Mon 12/09 | Mon 01/27 |
| West | Mark Twain MS | 4:00 \$150 | -- | Mon 10/07 | Mon 11/04 | Mon 12/02 | Mon 01/13 |

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LAUSD Central VEX IQ League at 10th Street Elementary School Site Logistics

- Parking is available
- League sessions in Auditorium
- Two competition fields in front and two practice fields in back of stage
- Computer/printer table, projector, queuing table in front of stage
- Check-in table near entrance. Robot inspection at queuing table
- Team tables in center.
- Food and beverages available for purchase

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LAUSD Central VEX IQ League at Barack Obama Global Preparation Academy 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
- Bleachers for audience in front
- Two competition fields, video camera, two queuing tables near bleachers
- Check-in at table near entrance; Robot inspection at a queuing table
- Team tables in center
- Computer/printer table, two projectors, two practice fields in back
- Food and beverages available for purchase

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LAUSD East VEX IQ League at Boyle Heights STEM Magnet High School Site Logistics

- Parking is available in the blacktop basketball courts (on 6th St. near Mott St.)
- League sessions meet in Boys Gym
- Bleachers for audience in front
- Three competition fields, video camera, two queuing tables near bleachers
- Check-in at table near entrance; Robot inspection at a queuing table
- Team tables in center
- Computer/printer table, two projectors, three practice fields in back
- Food and beverages available for purchase

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LAUSD East VEX IQ League at Maywood Center for Enriched Studies Site Logistics

- Parking is available in the underground parking structure
- League sessions meet in MPR
- Bleachers for audience in front
- Three competition fields, video camera, two queuing tables near bleachers
- Check-in at table near entrance; Robot inspection at a queuing table
- Team tables in center
- Computer/printer table, two projectors, three practice fields in back
- Food and beverages available for purchase

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LAUSD Northeast VEX IQ League at Chavez LA-ASE Site Logistics

- Parking is available in the lot located at Arroyo St. and Borden Ave
- League sessions in MPR or the Gym at Cesar E. Chavez Learning Academies
- 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

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