

FRESNO IMPACT REPORT

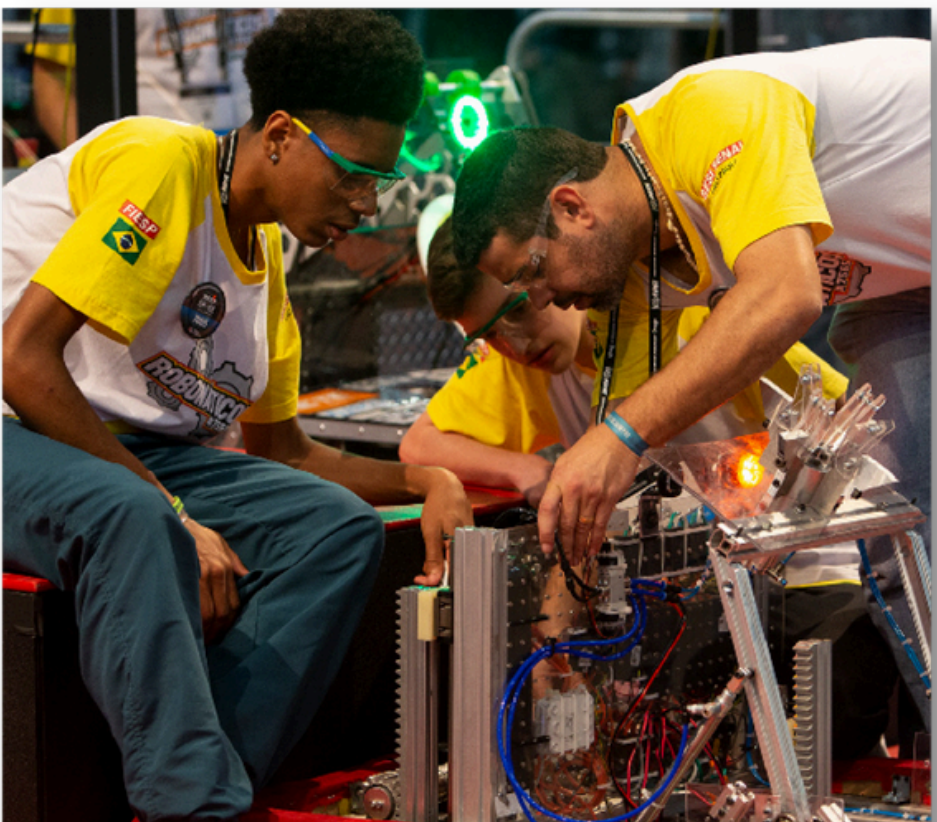
2024 / 2025





FIRST IS MORE THAN ROBOTS

- A Sport Where **Every Kid Can Go Pro**
- Entrepreneurship Skills
- Life Skills & Social Emotional Development
- Belonging and a Sense of Family
- Direct Access to Role Models and Mentors



YOUR FUTURE WORKFORCE FOUND HERE!

Consider *FIRST* California your ideal **workforce development partner!**

We are building a pipeline of young leaders and innovators with STEM and **real-world skills** to become **productive global citizens** – including teamwork, resiliency, and communication.

FIRST Alumni

*“FIRST gave me **engineering skills** that I use on a daily basis, but I think the biggest skills it gave me were all the non-technical skills like **public speaking and confidence and teamwork.**”*

Sarah H, Senior
Product Manager at
John Deere



SKILL-BASED VOLUNTEERISM FOR YOUR EMPLOYEES

By becoming a supporter of *FIRST* California, your employees can engage as mentors and volunteers with the students and teams, ultimately boosting morale and building relationships with your future talent pool.



STEM FOR EVERYONE

This commitment includes promoting and engaging in initiatives that ensure a welcoming community for all participants.

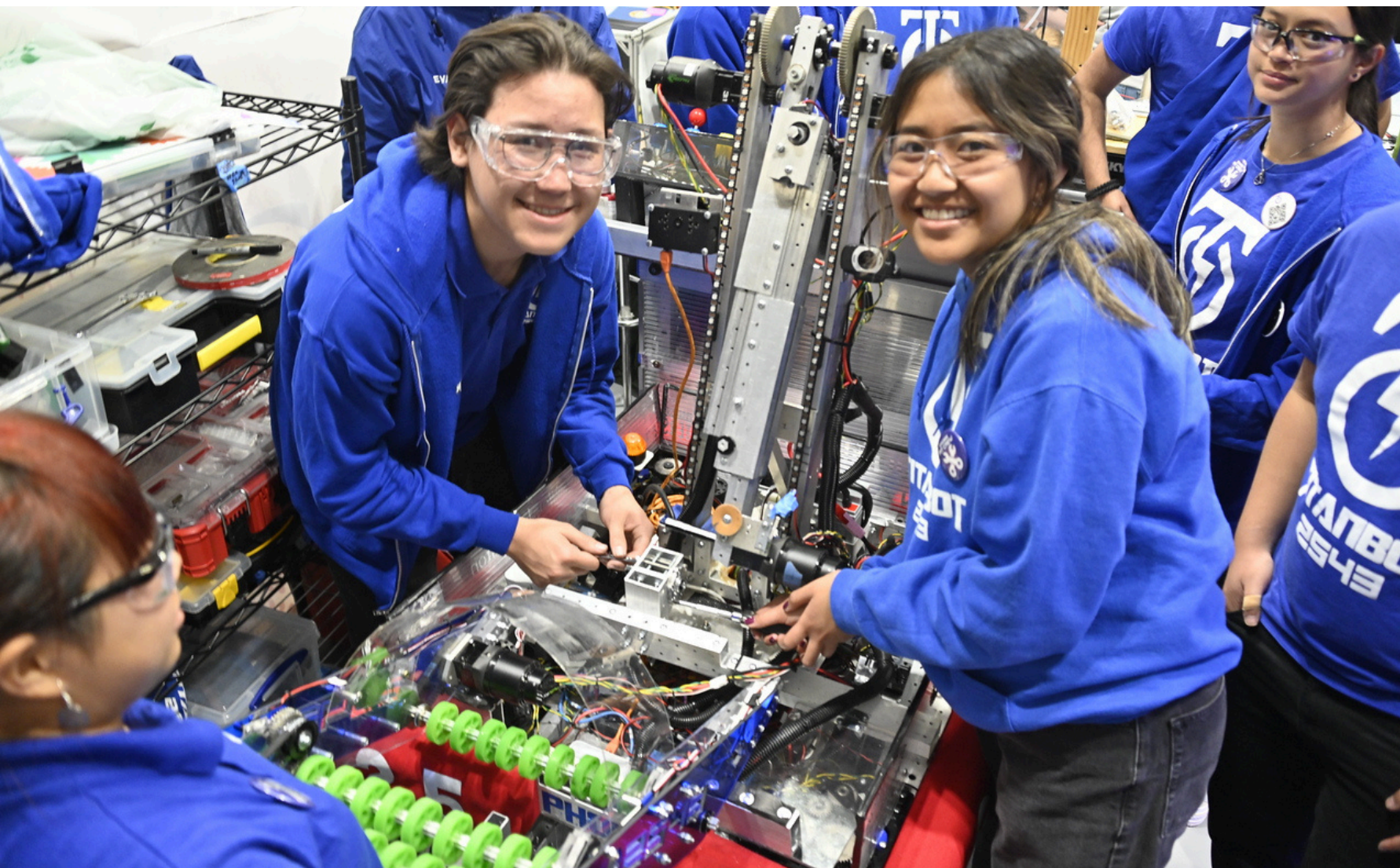
- **FIRST FOR ALL** Fellowship for CA students
- **STEM FOR EVERYONE** Training
- **STEM** Community Innovation Grants

*“If schools don’t provide **opportunities** that nudge students into STEM, plus **mentorship and exposure to STEM careers**, many students will never experience these fields.”*

Alvaro B,
California educator

★ *FIRST* students **2X more likely** to show increase in STEM-related attitudes.

Key findings from a rigorous 84 month Longitudinal Study via Brandeis University.



FIRST Alumni

By their fourth year in college, FIRST alumni are more likely to major in STEM fields than their peers.

DECLARE A MAJOR IN STEM (SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH)

FIRST ALUMNI

81%

COMPARISON GROUP

64%

DECLARE A MAJOR IN ENGINEERING OR COMPUTER SCIENCE

FIRST ALUMNI

59%

COMPARISON GROUP

24%

Women in FIRST

Young women in FIRST have significant gains in STEM compared to their peers.

DECLARE A MAJOR IN ENGINEERING OR COMPUTER SCIENCE

FEMALE FIRST ALUMNI

48%

FEMALE COMPARISON GROUP

16%

MORE LIKELY TO TAKE COURSES IN ENGINEERING OR COMPUTER SCIENCE

3.5x

Computer Science

2.5x

Engineering

"x" = times as likely

A SUITE OF TEAM-BASED ROBOTICS CHALLENGES



Our **PreK-12 project-based, hands-on programs** introduce students to engineering and coding in an engaging, inclusive, and creative classroom or after-school learning environment where students work collaboratively to solve **the annual robotics challenge.**



GRADES 2-4

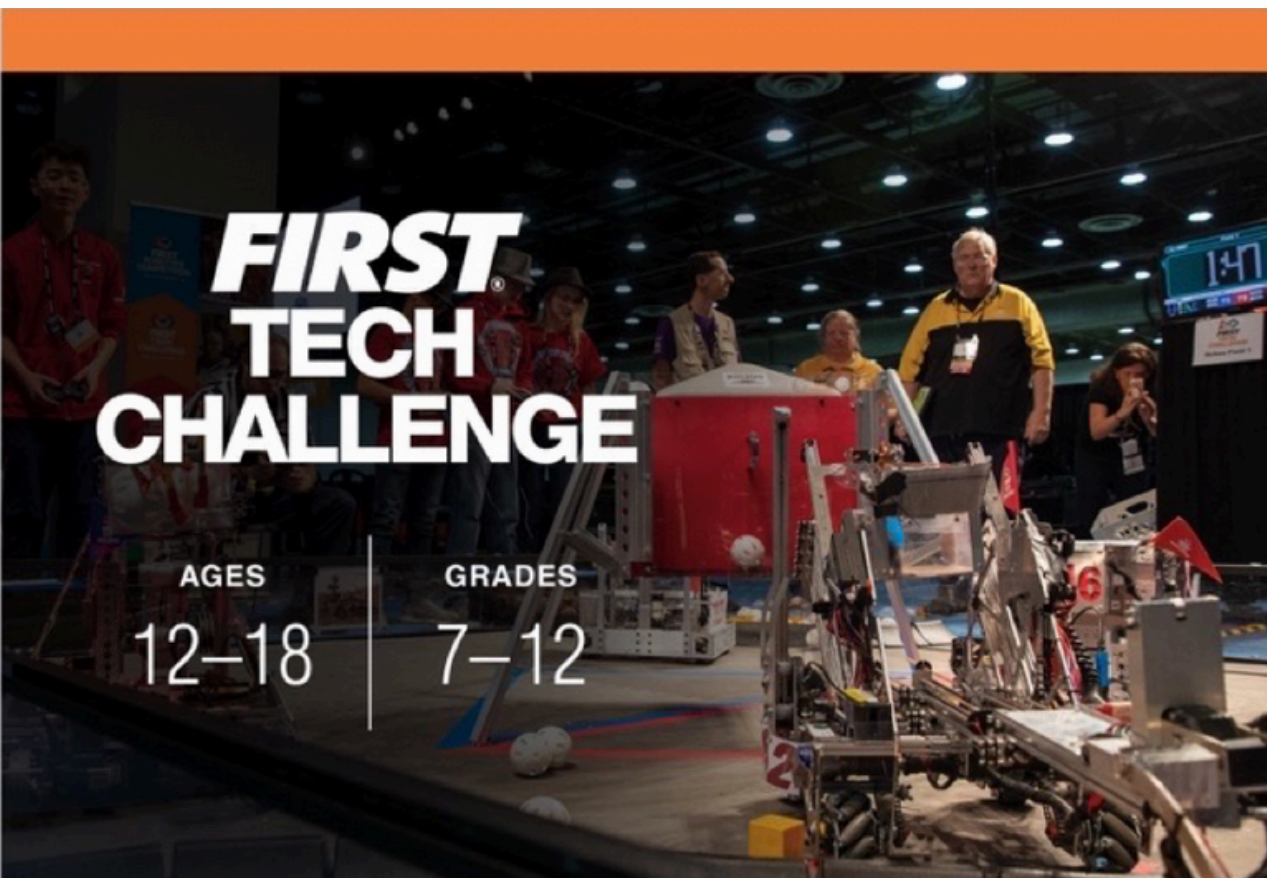
- 2 Festivals
- 37 Local Teams
- 125 Students



GRADES 4-8

- 3 Qualifying Events
- 1 Regional Championship
- 1 Off-Season Event
- 108 Local Teams
- 800+ Students
- 200 Volunteers

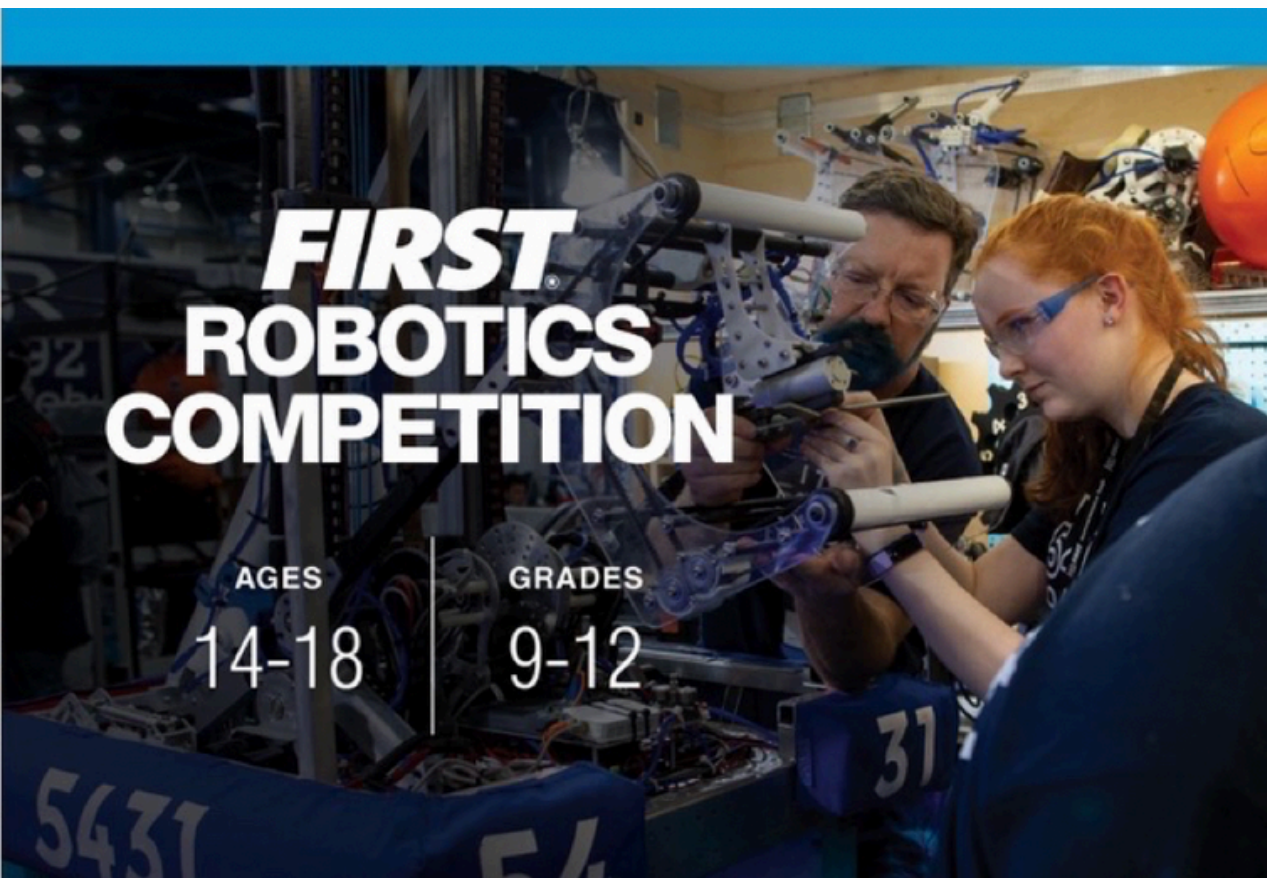




- 1 Qualifying Event
- 2 Scrimmages
- 10 Local schools
- 12 Local teams
- 115 Students

FRESNO *FIRST* TECH CHALLENGE - QUALIFYING EVENT

- 28 teams competed (14 regional teams + 14 Bay Area teams)
- Over 225 Students competed for 14 Awards as bids to Regionals



- 1 Regional event
- 7 Local teams
- 210 Local students
- Much room for team growth in Fresno

FIRST ROBOTICS COMPETITION - CENTRAL VALLEY REGIONAL

- The *FIRST* Robotics Competition Central Valley Regional, held April 3-6, 2025 at the **Fresno County Fairgrounds**, featured 42 teams and 1200+ students from California, Hawaii, Arizona, Turkiye and Chinese Taipei.

TOTALS

EVENTS: 11 TEAMS: 164 STUDENTS: 1,250+ VOLUNTEERS: 395



FIRST LEGO League Explore - Grades 2-4

EVENTS: 2 TEAMS: 37 STUDENTS: 125

FIRST LEGO League Challenge - Grades 4-8

EVENTS: 5 TEAMS: 108 STUDENTS: 800 VOLUNTEERS: 200

FIRST Tech Challenge - Grades 7-12

EVENTS: 3 TEAMS: 12 STUDENTS: 115 VOLUNTEERS: 75

FIRST Robotics Competition - Grades 9-12

EVENTS: 1 TEAMS: 7 STUDENTS: 210 VOLUNTEERS: 120