

RESOURCES FOR COACHES

LEARN ABOUT THE MANY RESOURCES FOR COACHES,
INCLUDING THE REC LIBRARY, WEBINARS, AND MORE

Presented by:

Ulrika Peroni
RSM Florida

Alicia Lynn
RSM The Northeast



ROBOTICS EDUCATION &
COMPETITION FOUNDATION

SUMMIT

| VEX ROBOTICS PROGRAMS |



Resources for Coaches

Agenda

01.

**Student Centered
Code of Conduct**

02.

REC Library

03

**Certifications and
Coach Academy on Moodle**

04

Training Webinars

05.

RSM Support

06.


VEX Resources

07.

Elevating Your Program

08

Discussion

A group of students are gathered around a table, looking at a small robot. The robot is a white, rectangular base with a black and white checkered pattern on the sides. It has a small, black, rectangular body on top. The students are wearing various clothing, including t-shirts and hoodies. One student is wearing a t-shirt with the word "BANGARANG" on it. Another student is wearing a hoodie with the word "APD" on it. The background is a plain, light-colored wall.

01

Student-Centered Code of Conduct

REC Foundation Policies: Code of Conduct and Student Centered



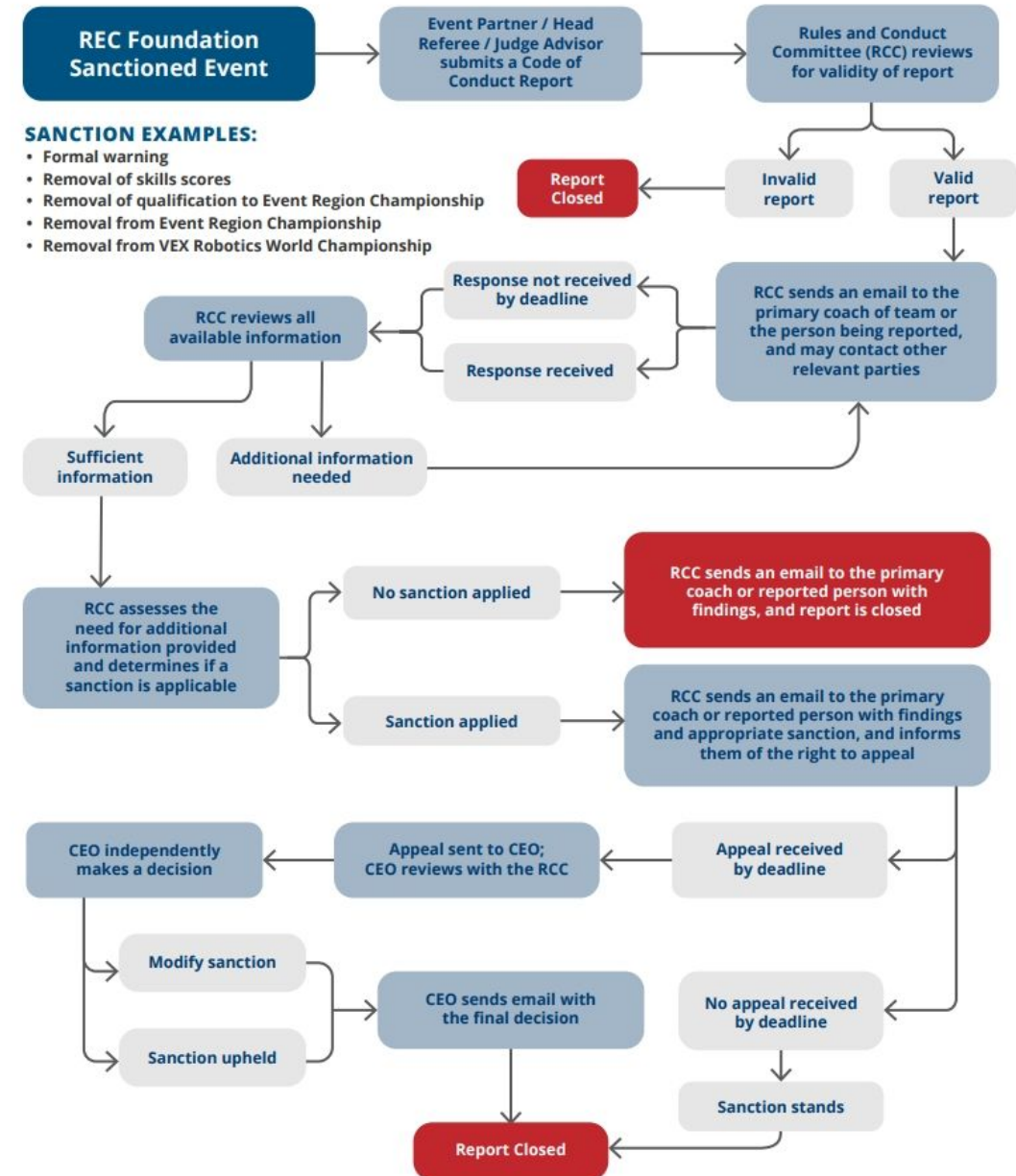
Code of Conduct



Student Centered



CODE OF CONDUCT RESOLUTION PROCESS



Adult Interactions: Guidelines and the Why?



Behavior Guidelines

Behavior Guidelines for Team Adults

Student Led, Student Success!

We thank you for your cooperation and commitment to making this a memorable and educational experience for all students. For comprehensive information on the REC Foundation's Student-Centered Policy and Code of Conduct, please visit audience.recf.org.



Encourage Student Communication

Guideline: Students should be the only ones who communicate directly with judges, referees, and members of other teams.

Reason: Leading team communications gives students opportunities to practice their presentation, problem-solving, and negotiation skills.



Avoid Unnecessary Interference

Guideline: Do not interfere with the operations of other teams or the event staff.

Reason: This maintains the integrity and smooth operation of the competition.



Stay Behind the Scenes

Guideline: Adults should stay in the background during active problem-solving and match play.

Reason: When students are the primary participants and leaders in the competition, all teams are on a level playing field.



Respect All Participants

Guideline: Treat all students, mentors, volunteers, and other event attendees with respect and courtesy.

Reason: Respectful behavior promotes a fair and enjoyable experience for everyone involved.



Consequences for Non-Compliance

1. Teams will receive warnings or violations for adult interference.
2. Repeated offenses could lead to a team's disqualification.
3. Adults may be asked to leave the competition area.



Hosting a Parent Boot Camp

NEW!!!

What is a Parent Bootcamp?

A Parent Bootcamp is a coach- or mentor-led meeting designed to help parents, guardians, and other supporters better understand the world of VEX Robotics. These sessions typically include:

- A short overview of the VEX Robotics Competition season
- Explanation of team roles and responsibilities
- What it means for a team to be “student-centered”
- A preview of what tournament days look like
- Family expectations for the year
- Simple ways families can get involved and support the team

[“Hosting a Parent Boot Camp”](#) library article has two sample agendas available



parents.vex.com & audience.vex.com



How can parents help?



Parent Boot Camp

The background image shows a VEX robotics competition. In the foreground, a girl in a white t-shirt with 'VEX 20. 872584 DRAGON TEAM' and grey pants is reaching up to catch a white ball. To her left, another person in a similar t-shirt is partially visible. In the background, a complex VEX robot is on a table, and another white ball is in the air. A large blue '02' is overlaid in the center.

02

Websites & REC Library

Robotevents.com & RECF.org

Robotevents.com

Competition Programs

- All VEX Robotics Programs
- Worlds Skills Ranking
- Official Game Manual Q&A
- Official Judging Q&A
- Available Team Numbers
- Live Remote Skills Standings

Resources

- Support
- Map Search
- Contact US

Grants

- Interest Survey

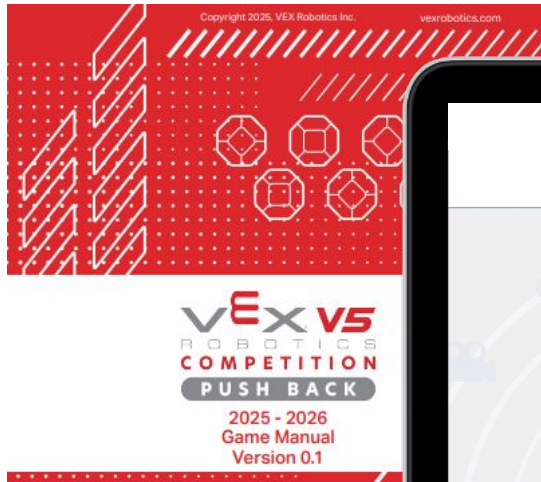
RECF.org

Links to

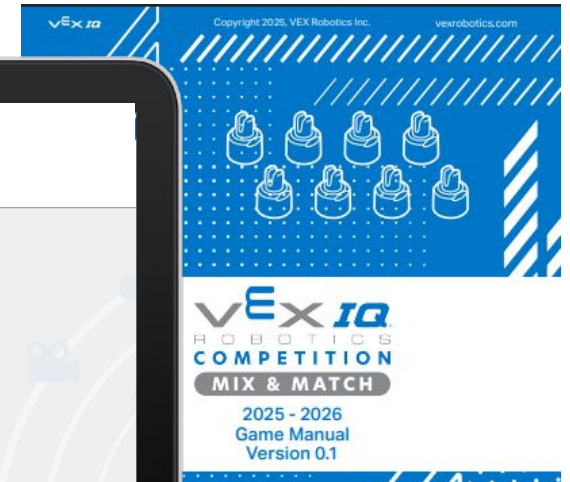
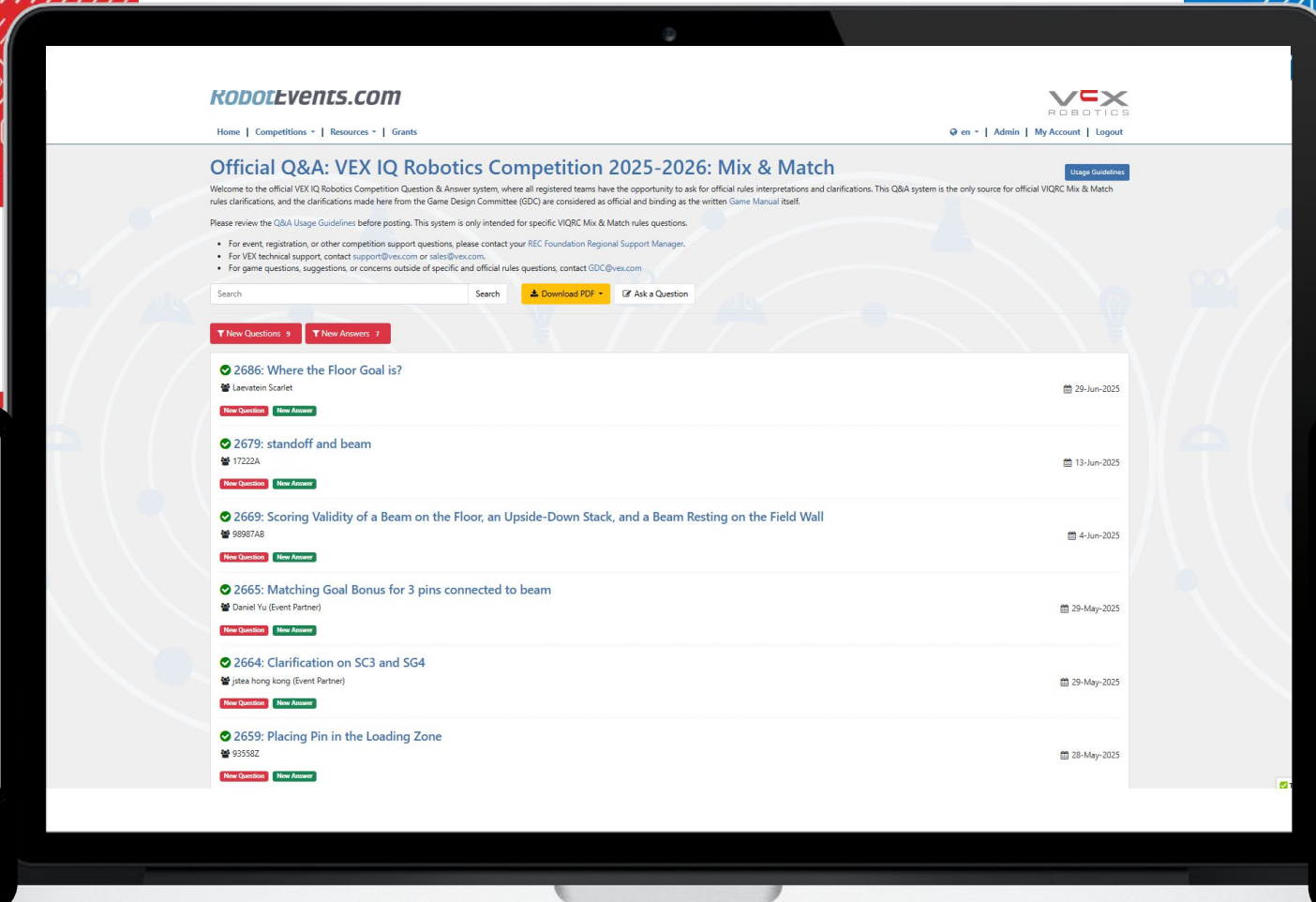
- RECF Mission and Vision
- REC Library
- Media / Brand Guidelines
- Annual Reports and Program Guides
- Scholarships
- Internships
- Industry Certifications
- IRHS
- Alumni Association
- Volunteers
- Girl Powered



Official Game Q&A & Game Manuals

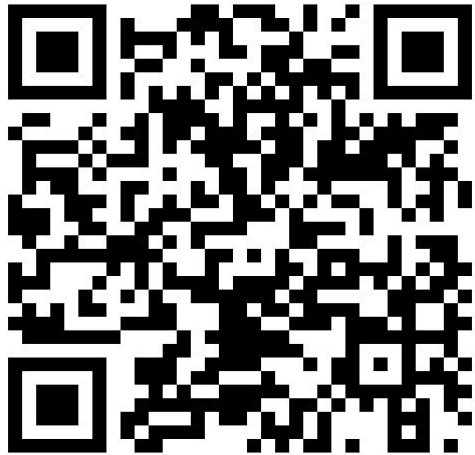


V5RC Game Manual

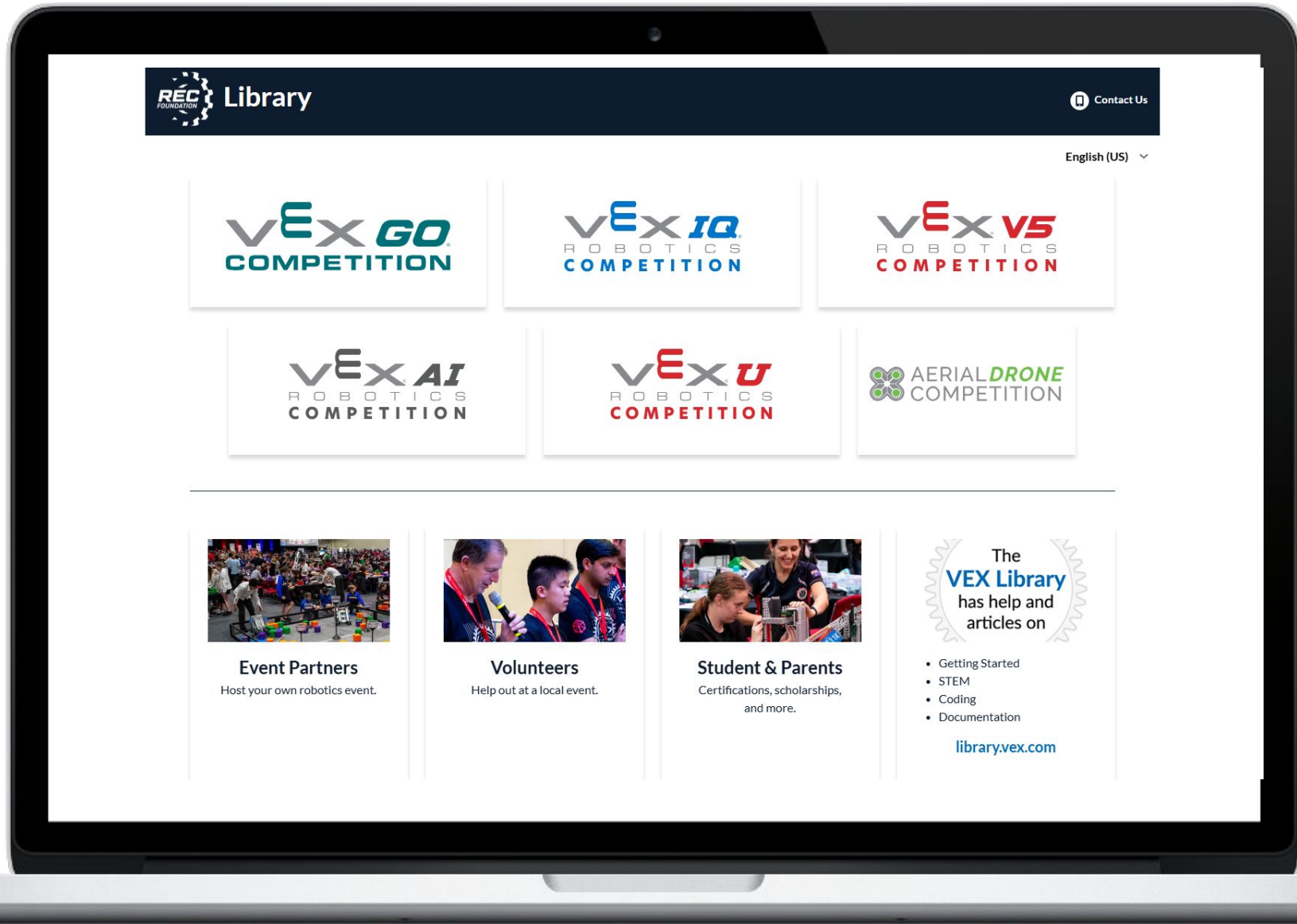


VIQRC Game Manual

REC Library

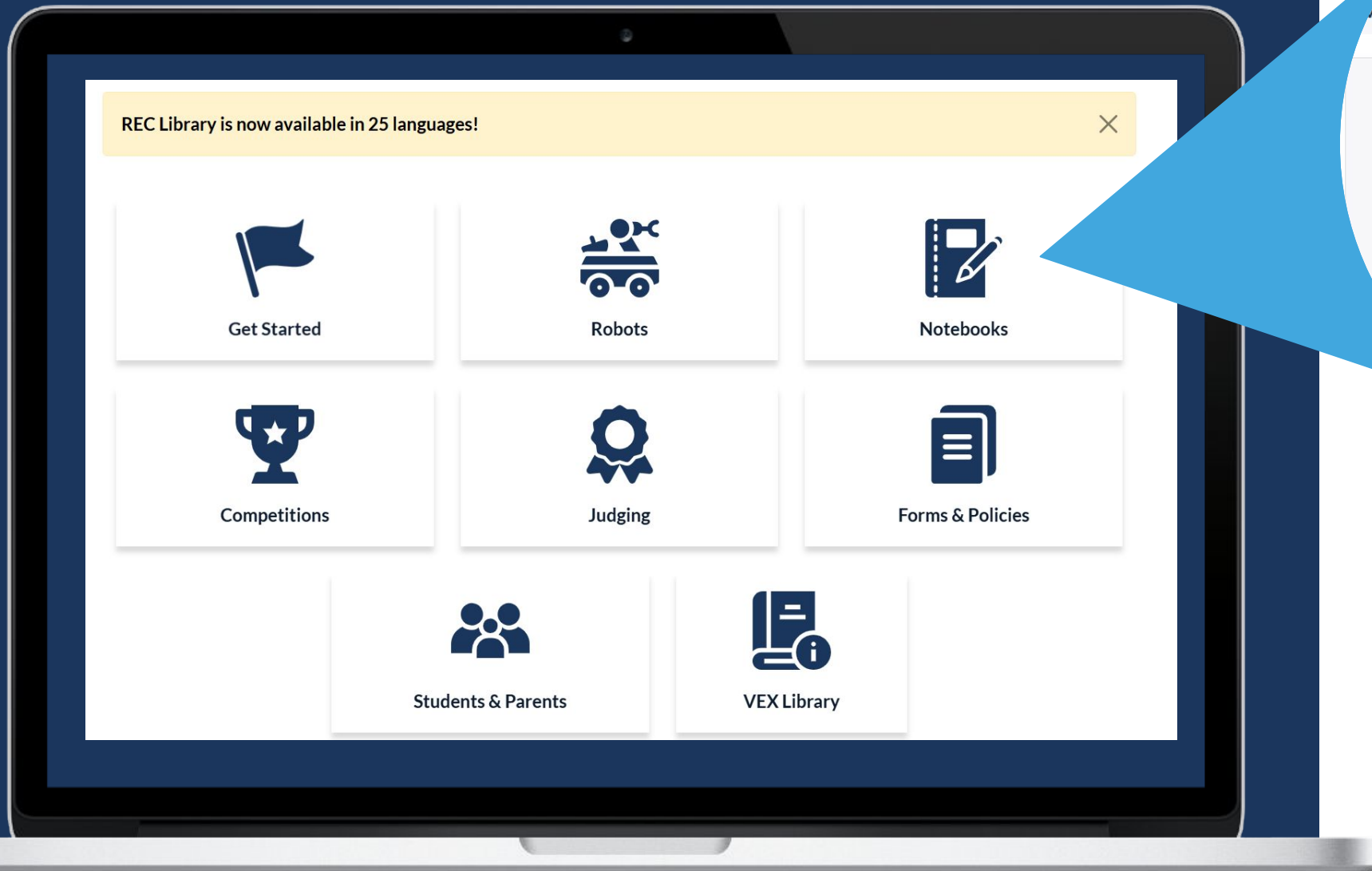


REC Library



Easily accessible from kb.recf.org or library.recf.org.

REC Library - Sub Topics



Library is now available in 25 languages!

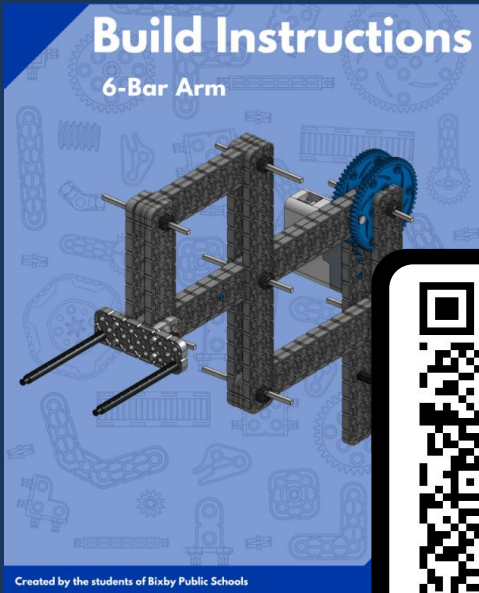
5RC Design Process and Notebooks

- Getting Started with Notebooking
- Engineering Design Process
- Engineering Notebook Basics
- Advanced Engineering Notebook Techniques
- Engineering Notebook: Purpose & Academic Honesty
- VEX Engineering Notebook Examples
- Engineering Notebook vs Team Journal
- VEX Digital Notebook Templates
- How to Submit a Digital Engineering Notebook
- Historical Examples of Engineering Notebooks
- Students and the Engineering Notebook

Use the Search Bar

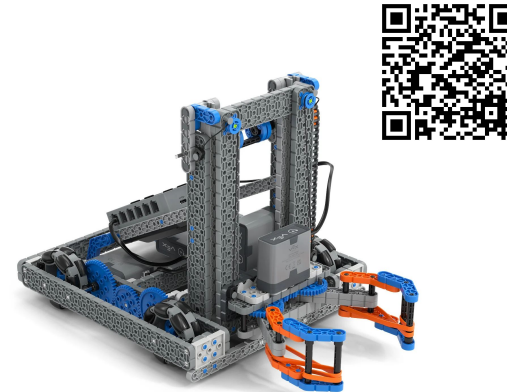
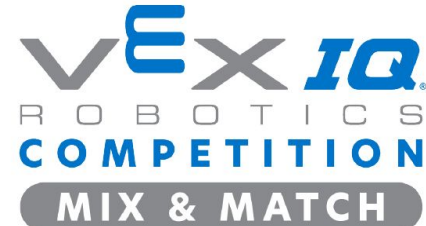
- Sub topics
 - ↳ Articles
 - ↳ "In this Article"

Build Resources



Building Basic
Mechanisms

VEX Standard Robot Builds (HERO BOT)



Huey



Dex



Do you have a community-created resource for a basic mechanism or modular concept? Submit via the online form!

Season Update Page

NEW!!!



[REC Library](#) / [Event Partners](#) / [Getting Started](#) / 2025-2026 Season Updates for VEX Robotics Competition Programs

2025-2026 Season Updates for VEX Robotics Competition Programs

Welcome coaches, Event Partners, and community members! Your VEX Robotics Programs Support team will post updates here for important information throughout the season. Bookmark this page for quick and easy reference of community updates.

If you have any questions, please reach out to your [Regional Support Manager \(RSM\)](#).

Frequently-Used Links

- [V5RC Game Manual and Resources](#)
- [VIQRC Game Manual and Resources](#)
- [Qualifying Criteria for VEX Robotics Competition Events](#)
- [2025-2026 Season Calendar for VEX Robotics Programs](#)
- [2025-2026 Volunteer Training and Certification Programs](#)
- [Regional Support Request Form](#)
- [Audience Resources at audience.recf.org](#)

In this article

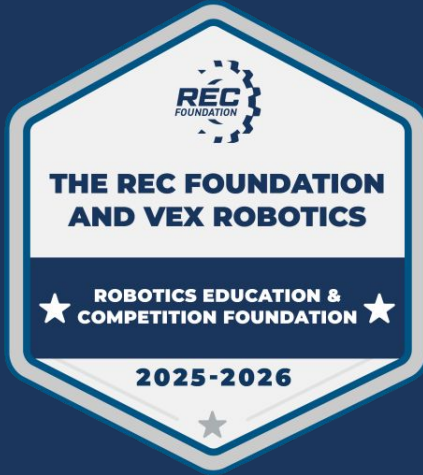
1. June 4, 2025
 - a. [Team Registration for 2025-26 is Open!](#)
 - b. [Resources for the 2025-26 Season Games](#)
 - c. [RECF Training and Certification Courses](#)
 - i. [Available Now](#)
 - ii. [Coming Soon](#)
 - d. [RECF Training Webinars](#)
 - i. [Upcoming Sessions](#)
 - e. [Running a VEX Robotics Camp this summer?](#)
 - f. [2025-26 Grant Season is Open!](#)
 - g. [2025 SASA National Advocacy Conference](#)
 - h. [ITEEA and REC Foundation Pre-Engineering and Robotics Certification](#)

A background image showing two students in a robotics competition. The student in the foreground is wearing a white helmet with 'BOB' on it, sunglasses, and a dark shirt, holding a complex robot. The student in the background is wearing a dark jumpsuit and a helmet. The image has a pinkish-purple tint on the left and a teal tint on the right.

CS

**Certifications & Coach
Academy on Moodle**

Certifications on Moodle



All certifications will move to Moodle

- Better time management
- Combine Certification Modules
- PD hours
- Next season only do “what is new”

training.recf.org

Volunteer Certifications



VEX IQ Robotics Competition Head Referee Certification

Head Referee

- V5RC Head Ref
- VIQRC Head Ref
- VURC Head Ref



VEX V5 Robotics Competition Event Partner Training and Certification

Event Partner

Judge Advisor



Coach Academy



NEW!!!

Coach Academy

Two-part support system for both new and veteran coaches

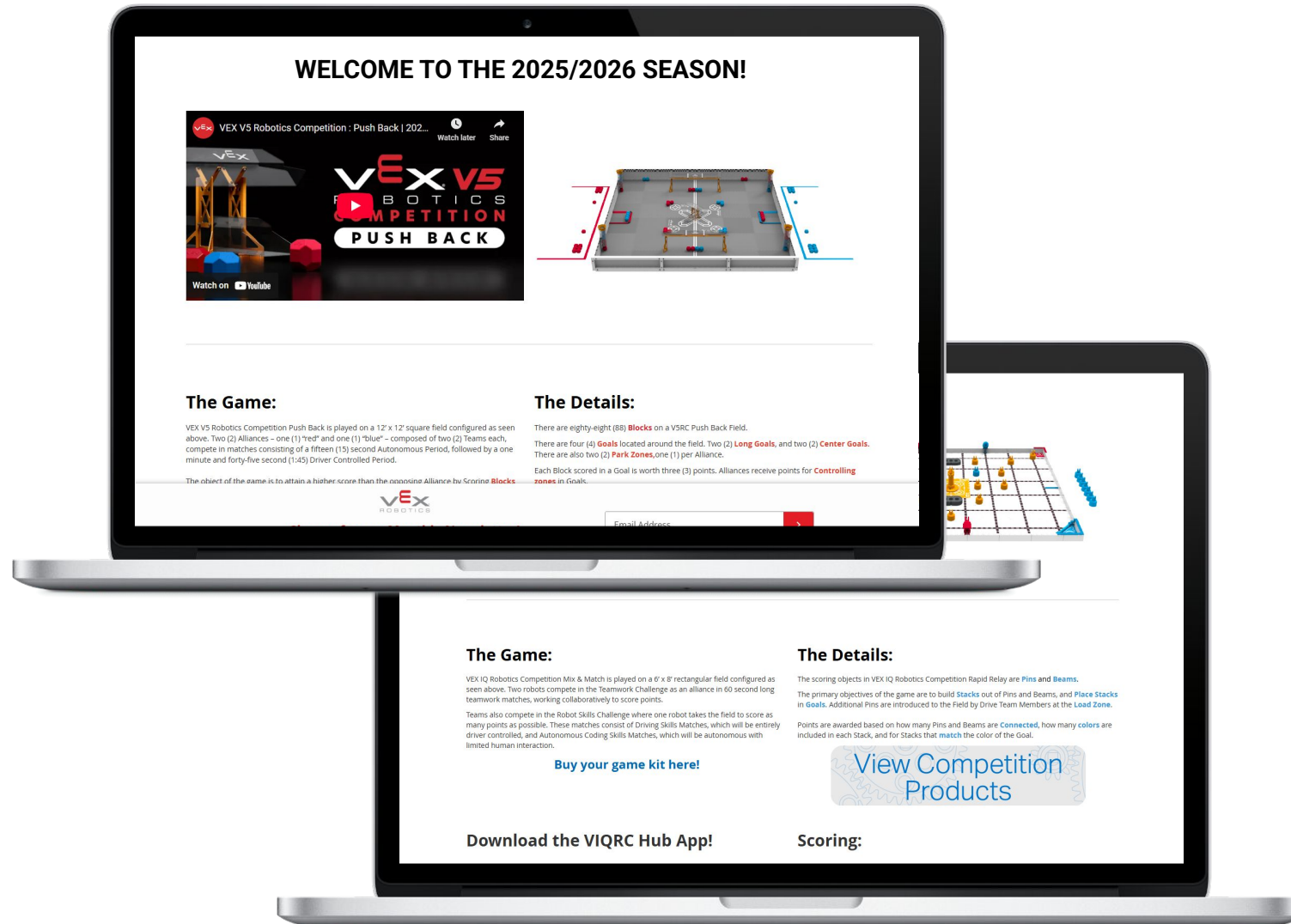
Located on Moodle platform at training.recf.org

Weekly Coach Academy Office Hours Calls

- Courses on
 - Administrative Duties
 - Registration Procedures
 - Coaching Resources
 - New Training Courses added throughout the season
 - PD hours available
-
- Discussion-based
 - Deeper Dives Into
 - Monthly Webinar on Specific Topics
 - Moodle Courses
 - Grants Teams Specific Open Office Hours



Drive Team Courses



VIQRC Drive Team Course



V5RC Drive Team Course



Location still TBA



04

**Coach and Event Partner
Training Webinars**

Coach Training Webinars

- Monthly Online Meetings
- Season Relevant
- 1 hour long
- Often with Q&A time
- PD Hours available
- Register on RobotEvents.com




**Coach & Event
Partner Webinars**



Event Partner Training Webinars

- Monthly Online Meetings
- Season Relevant
- 1 hour long
- Often with Q&A time
- PD Hours available
- Register on Robotevents.com



The image shows a laptop screen displaying the RobotEvents.com website. A large, stylized badge is overlaid on the right side of the screen. The badge is blue and yellow, with the text 'EVENT PARTNER TRAINING' in white and yellow. Below the text is the REC FOUNDATION logo. The website background shows a navigation bar with links like Home, Competitions, Resources, and Program Products. The main content area is titled '2024-2025 RECF Event Partner Training' and 'Introduction to Event Planning'. A large REC FOUNDATION logo is centered on the page. On the right side, there is a table with event details. At the bottom, there are sections for 'General Info' and 'Event Dates & Locations'.

Field	Value
Date	5-Sep-2024
Event Code	RE-WORKSHOP-24-6691
Program	Workshops & Camps
Event Type	Workshop
Event Format	Remote
Capacity	550
Spots Open	400
Event Region	Texas - Region 1
Standard Registration Opens	29-Jul-2024 12:00 EDT
Registration Deadline	3-Sep-2024 12:00 EDT
Payment Deadline	26-Jan-2024 18:00 EST
Price	FREE

[Create a new Workshop Member](#) [Register Yourself For This Event](#)

Workshop Members

[Register Selected Workshop Members](#)

General Info
Welcome to the 2024-2025 Season!
You are invited to join a panel of REC Foundation Regional Support Managers for a free online REC Foundation Event Partner (EP) Training Webinar - Introduction to Event Planning.

Event Dates & Locations
Date: 5-Sep-2024
Venue/Location: Online
Online, Texas 99999

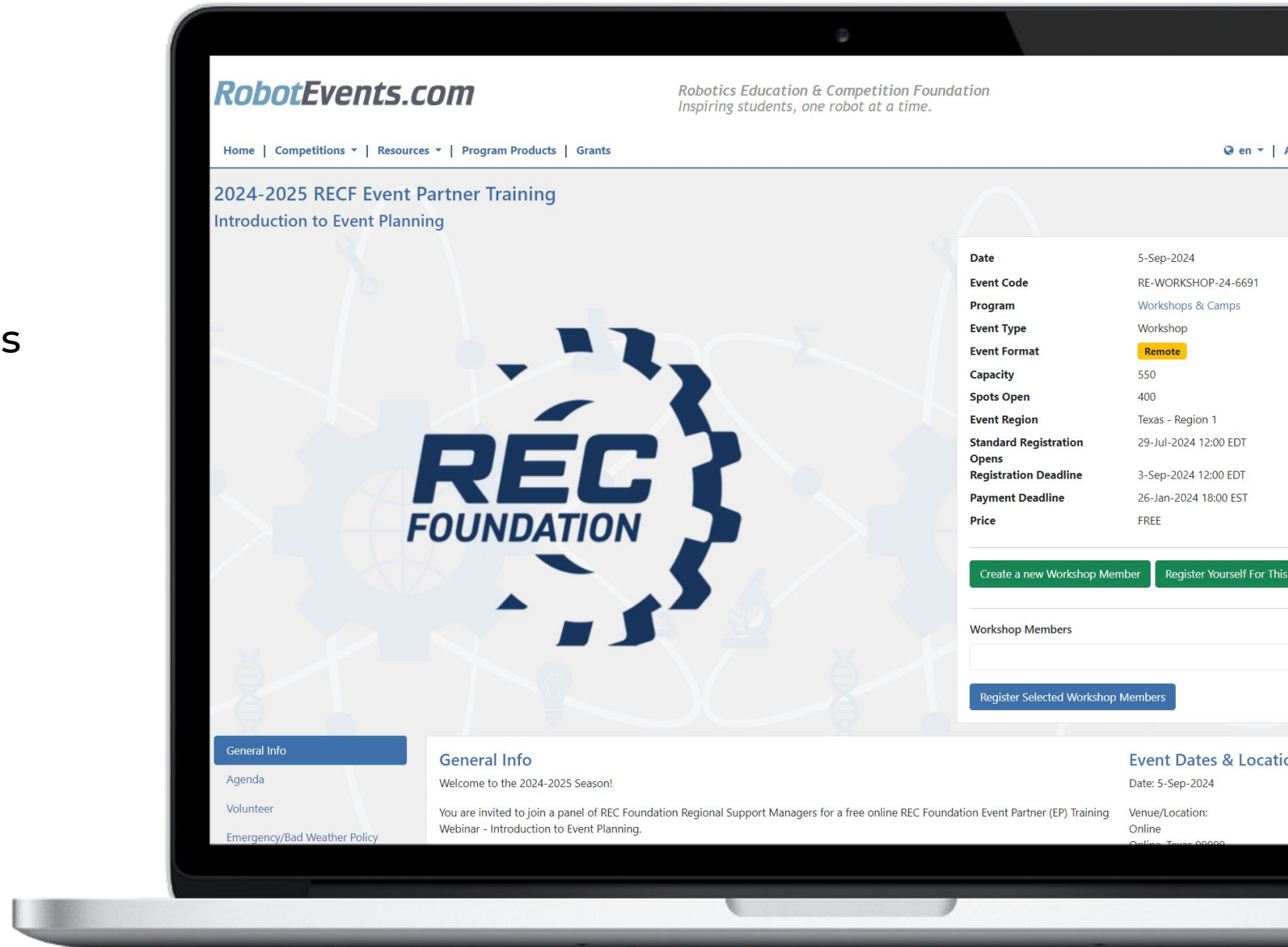
Head Referee Webinars

- Monthly Online Meetings
- Certified Head Referees only
- Discussing Best Practices
- 1 & 1/2 hour long
- Interactive
- Must be Certified Head Referee to be able to attend



Judging Webinars

- Monthly Online Meetings
- Explaining Judging Process
- Introducing New Judging Guidelines
- 1 & 1/2 hour long
- Interactive

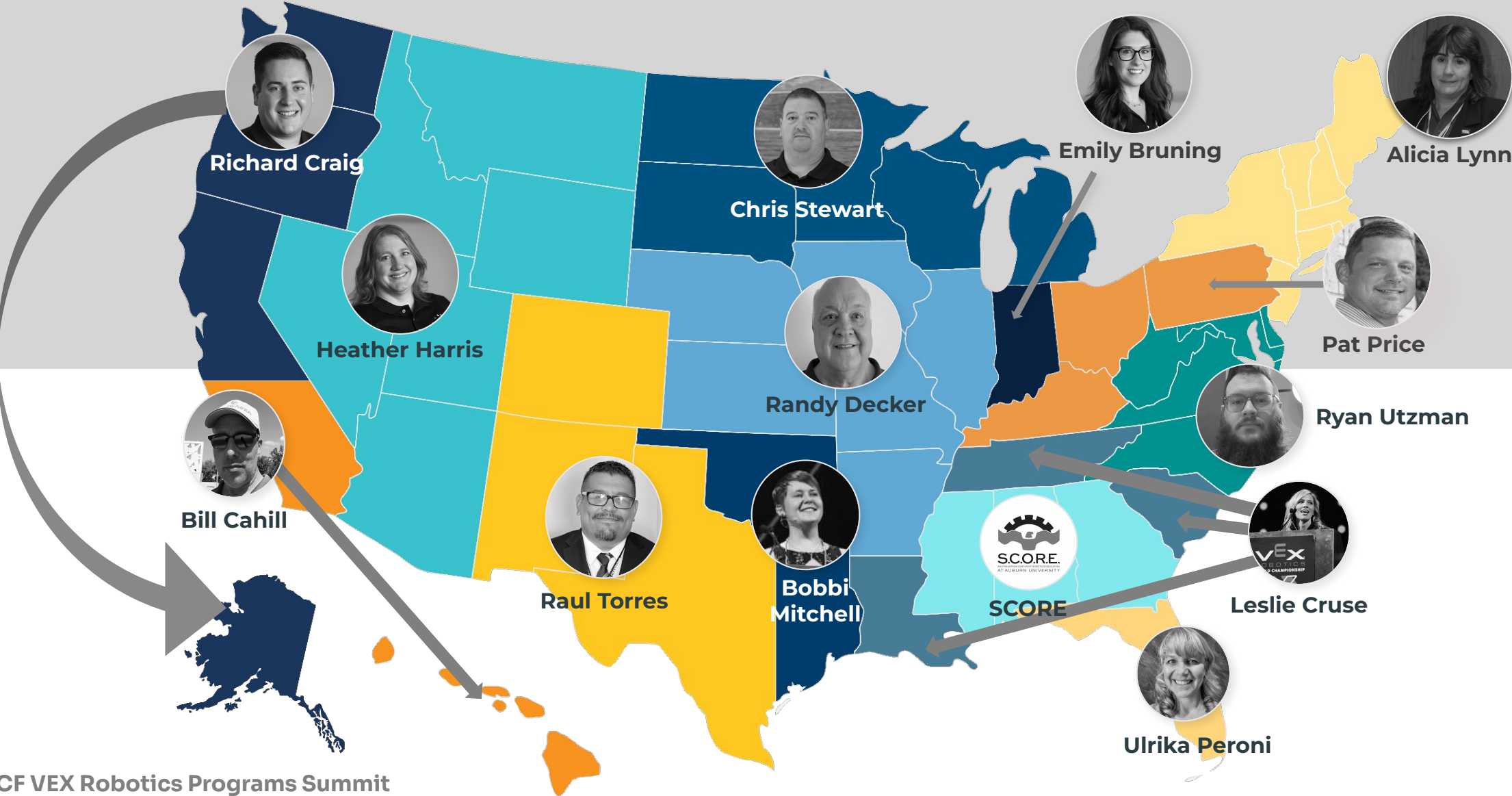


The background image shows a VEX robotics competition. On the left, a VEX robot with the number 2775V is visible. In the center and right, students wearing hard hats and lab coats are working on the robot. The scene is overlaid with a large, semi-transparent teal number '05' and the text 'RSM Support' in white.

05

RSM Support

Regional Support



Regional Support



Richard Seniuk
Canada



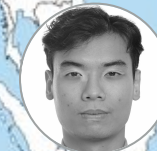
Melissa Butterworth
Europe, Middle East, & Africa



Jason Kang
Windy Zhang
Torres Wang
China



Karina Garcia
Mexico, Central America,
South America, & Caribbean

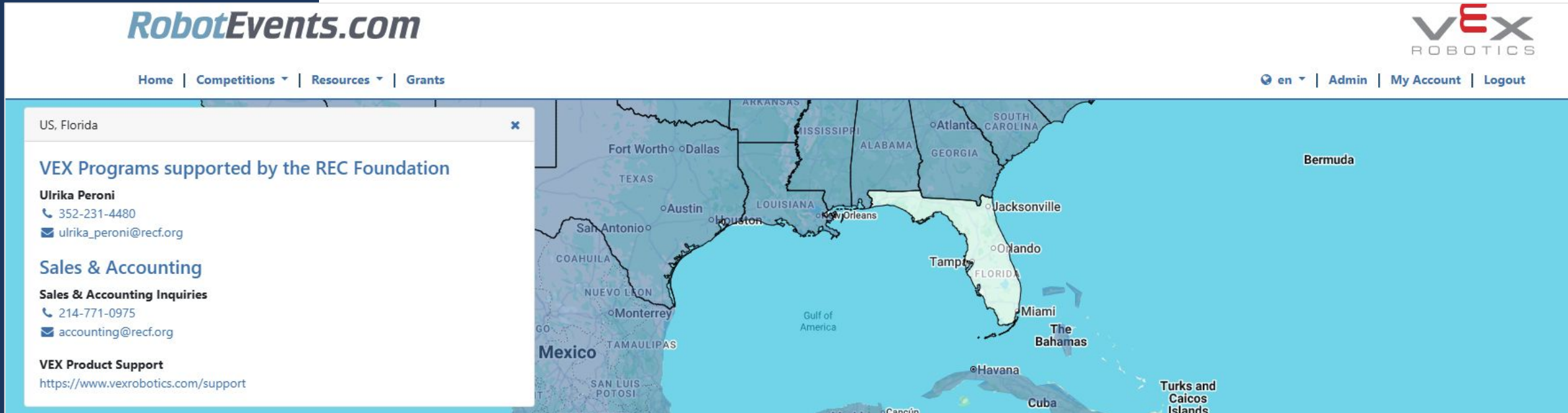


William Law
Asia Pacific



Lucien Bianchi
Australia & New Zealand

Contact & Changes



The screenshot shows the RobotEvents.com website. The header includes the site name, navigation links (Home, Competitions, Resources, Grants), and user options (en, Admin, My Account, Logout). A sidebar on the left displays contact information for VEX Programs supported by the REC Foundation, including contact details for Ulrika Peroni, Sales & Accounting, and VEX Product Support. The main content area features a map of the United States and parts of Mexico, with various cities and states labeled.

RobotEvents.com

Home | Competitions | Resources | Grants

en | Admin | My Account | Logout

US, Florida

VEX Programs supported by the REC Foundation

Ulrika Peroni
☎ 352-231-4480
✉ ulrika_peroni@recf.org

Sales & Accounting
Sales & Accounting Inquiries
☎ 214-771-0975
✉ accounting@recf.org

VEX Product Support
<https://www.vexrobotics.com/support>

Map labels: Fort Worth, Dallas, Austin, Houston, San Antonio, Monterrey, Mexico, COAHUILA, NUEVO LEON, TAMAULIPAS, SAN LUIS POTOSI, ARKANSAS, MISSISSIPPI, ALABAMA, GEORGIA, SOUTH CAROLINA, Florida, Jacksonville, Orlando, Tampa, Miami, The Bahamas, Havana, Cuba, Turks and Caicos Islands, Bermuda, Gulf of America, Cancún.

Find your RSM by going to [RobotEvents.com/support](https://www.robotevents.com/support)

Submit any Changes by using the [Regional Support Request Form](#)

Grant Support Managers

RobotEvents.com

en

Admin

My Account

Logout

Home

Competitions

Resources

Grants

Grants

For more information on which program is best for your students, grant options and expectations, or additional cost associated with starting teams, please visit the REC Library

Please note that when applying for grant funding, you will be considered for any/all grants that may be applicable to your location and/or program. We encourage you to apply for grant funding and our team will do their best to connect you with any/all assistance that may be available.

Country / Region

State / Province

Postal Code

Program

United States

Florida

34711

-- All --

Search

2025-2026 V5RC Grant Opportunities

Details

- VEX V5 Robotics Competition

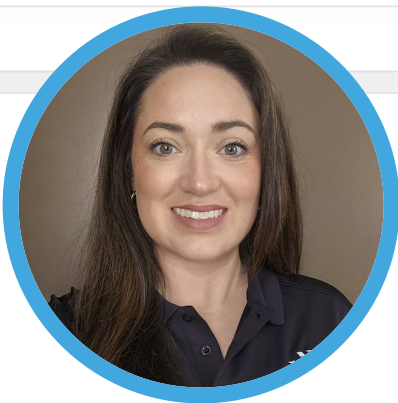
2025-2026 VIQRC Grant Opportunities

Details

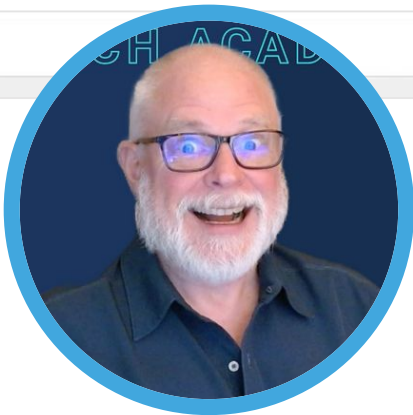
- VEX V5 Robotics Competition



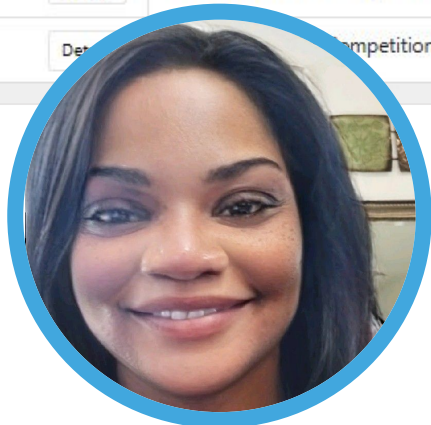
Diana Fultz



Emily Onorato



Gene Williams



Beverly Ver Steeg

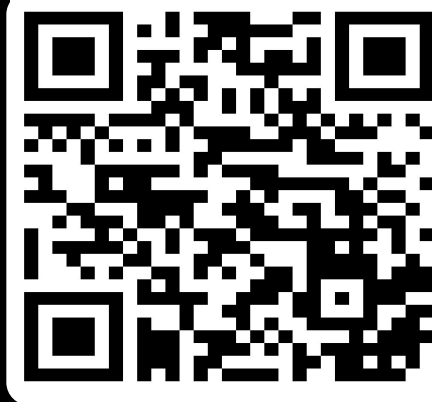
Grant Process

1. Create an account on Robotevents.com
2. Complete a RobotEvents Interest Survey on Robotevents.com/Grants
3. Complete the Blackbaud.com Grant application.
 - Create an Account
 - Complete the application
4. A GSM will be in touch

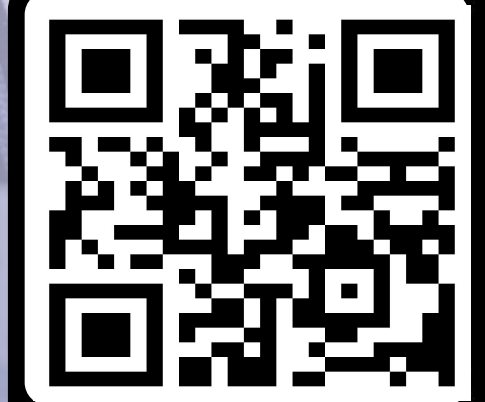
For additional support, please email
grants@recf.org

All primary coaches are eligible to apply, whether they are affiliated with a public or private school, non-profit, homeschool, or community organization.

Grant awards are determined based on sponsor requirements, which may vary by program, state, and age group.



RECF Grants



NCES.ed.gov

A photograph of three students, two girls and one boy, standing behind a VEX robot at what appears to be a competition or exhibition. The student on the left is holding a game controller. The robot has a sign that says "HEWITT ROBOTICS" and a number "11442Y". In the background, there are banners for "Project BOARD KIT WITH HEADER". The image has a pink and blue color overlay.

06

VEX Resources

What is the Difference?

VEX Robotics

Creates the tools that educators and mentors will use to shape the learners of today into the problem-solving leaders of tomorrow

- Hardware & Software
- Product Sales & Support
- Game Design & Game Manual
- VEX Professional Development
- Classroom & Competition Resources
- VEX Library



REC Foundation

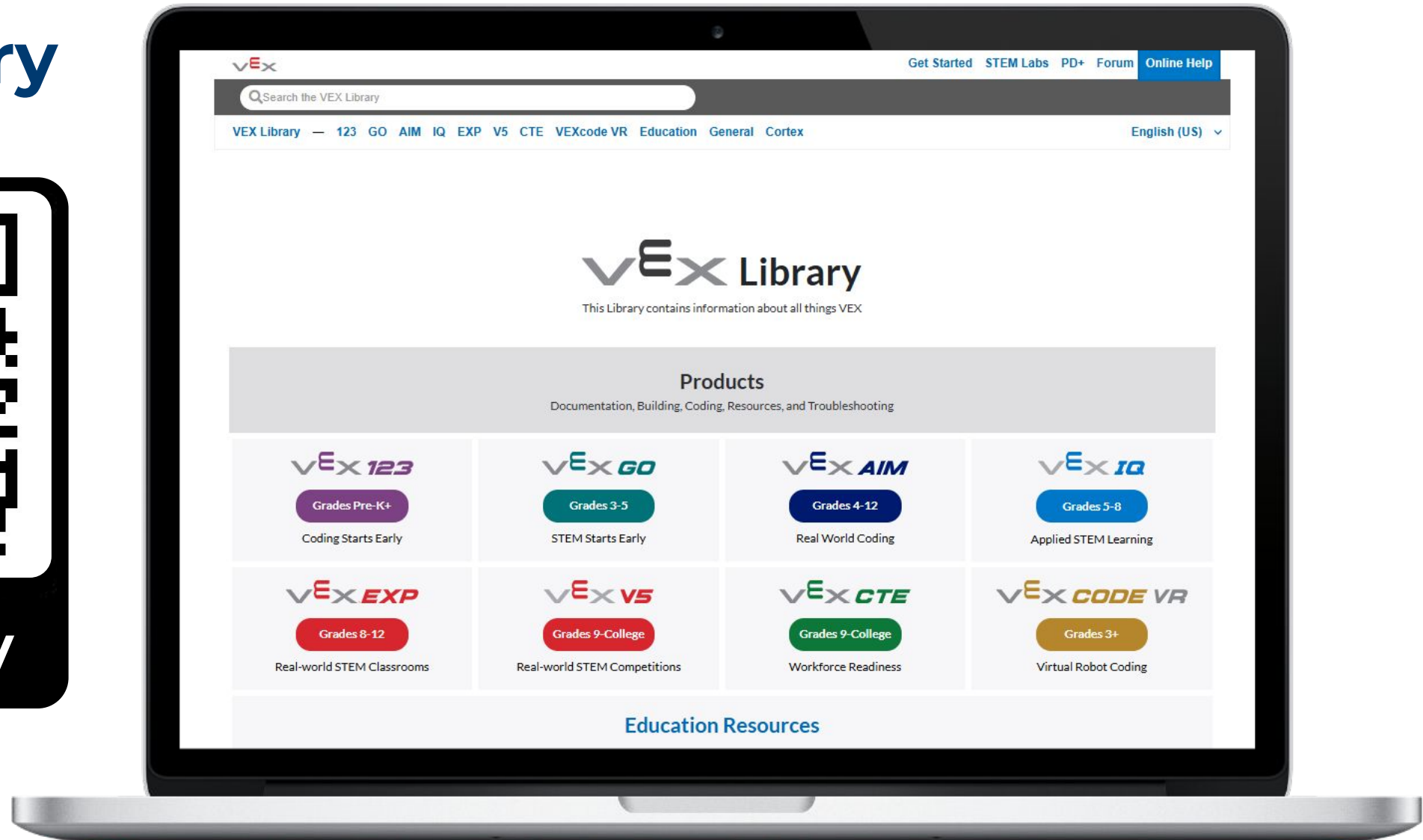
Provides every educator with competition, education, and workforce readiness programs to increase student engagement in science, technology, engineering, math, and computer science

- Coach Support: Training & Workshops
- Event Support
- Event Partner Support: Training & Summit
- Grants and Fundraising Resources
- Qualifying Criteria
- Guide to Judging
- REC Library

VEX Library



VEX Library



Easily accessible from library.vex.com.

VEX Educational Resources



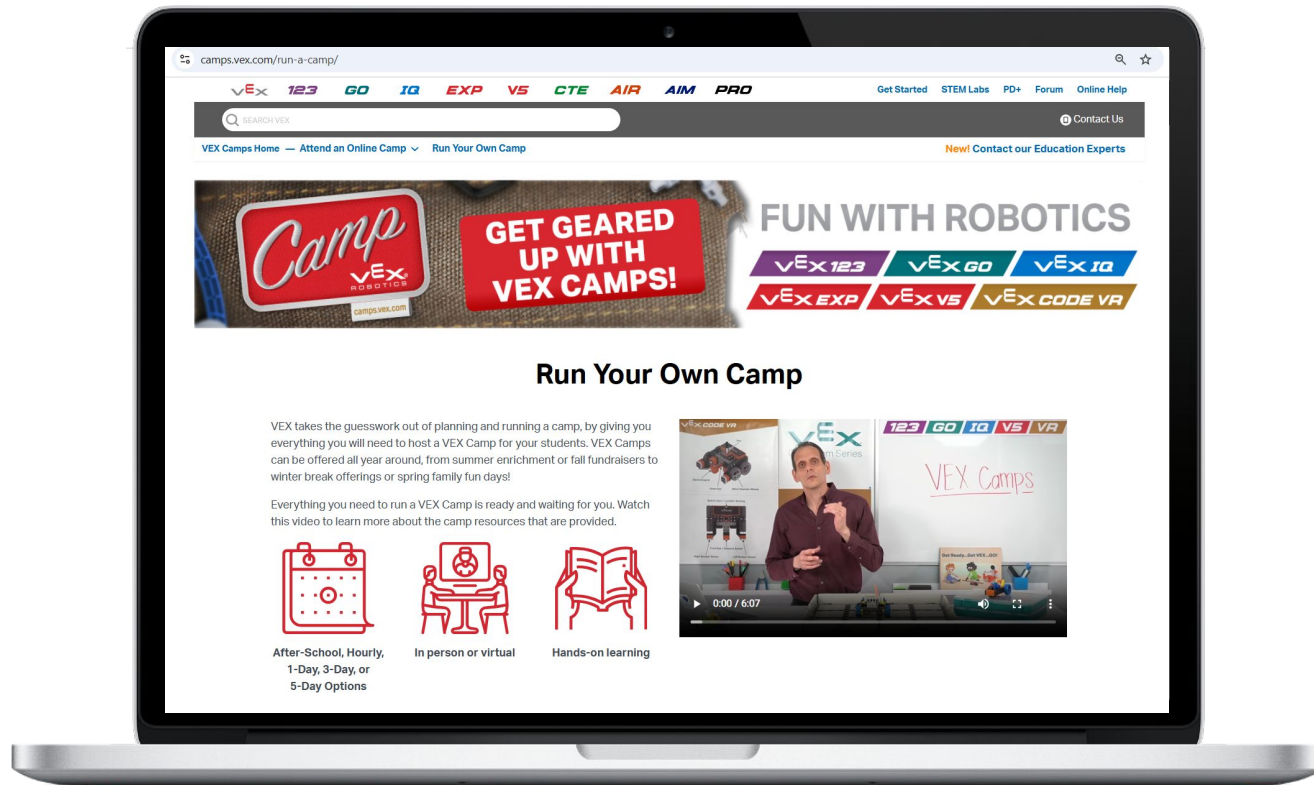
education.vex.com

- STEM Labs
 - Teacher Resources
 - Pacing Guides
 - Building a Team
- PD+
- VEX Forums
- VEXcode
 - vr.vex.com
 - switch.vex.com



VEX Education Resources

VEX Camp Resources



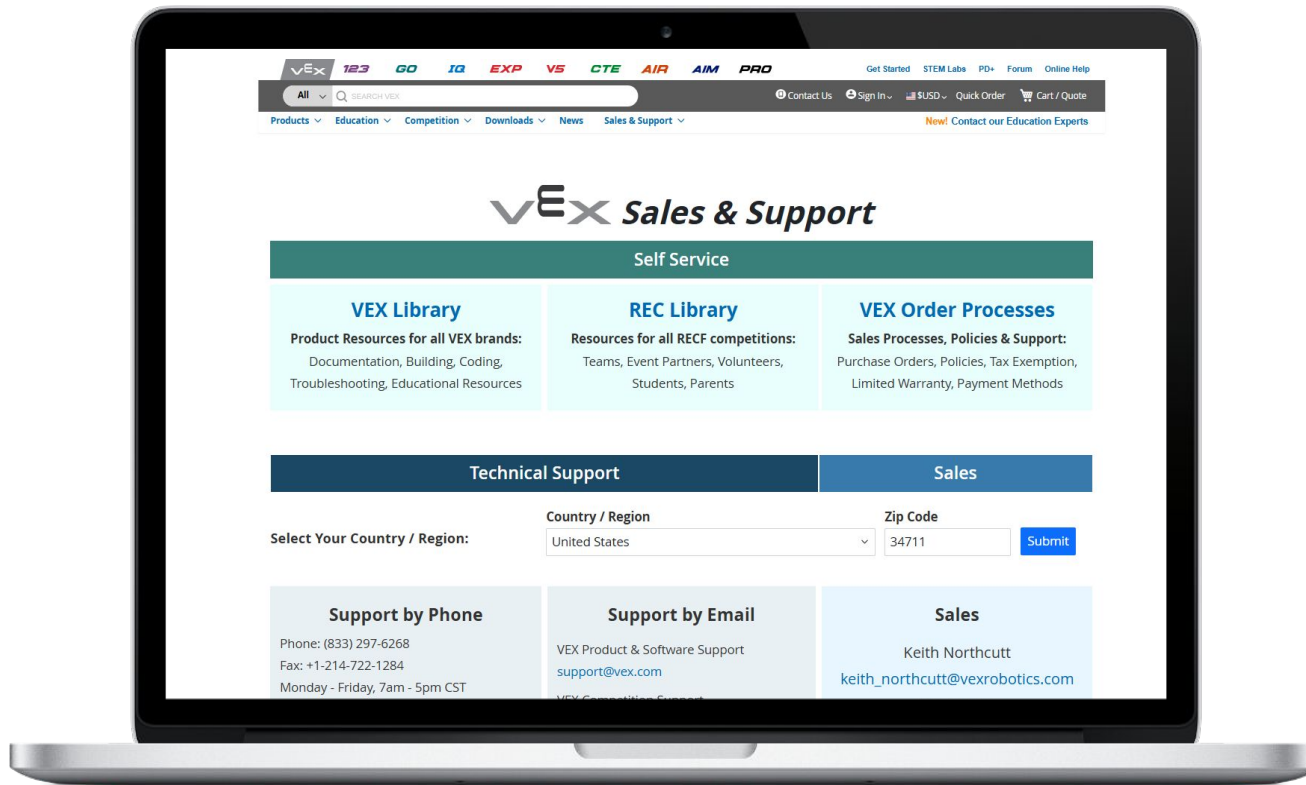
camps.vex.com

- Free Curriculum
 - After-School
 - Hourly
 - 1-Day
 - 3-Day
 - 5-Day
- In-person or virtual
- Hands-on learning



VEX Camps Resources

VEX Sales Representative



- Individual Sales
- School Districts
- Add your zip code, find your local rep



vexrobotics.com/support

VEXcode

Designed to make coding easy and engaging for everyone, from novice to expert

VEXcode Supports:

- Block-based coding: An intuitive, drag-and-drop way for students to build their projects
- Switch Blocks: VEX's solution to help support users through the blocks-to-text transition using Python
- Text-based coding: Python and C++

Resources:

- [Hour of Code](#) activities
- [STEM Labs](#) curriculum
- [STEM Library](#) documentation
- [Professional Development Plus](#)





07

Elevating
Your Program



ONLINE CHALLENGES

NEW!!!

A different way to keep your students engaged in the classroom

- Cycle 1- Ignite
 - August - November
- Cycle 2 - Innovate
 - November - February
- Cycle 3 - Impact
 - August - February



Online Challenges

Additional Opportunities

**International
Robotics
Honor Society**

**Alumni
Association**

**Lettering
& Rings**

Internships

Scholarships

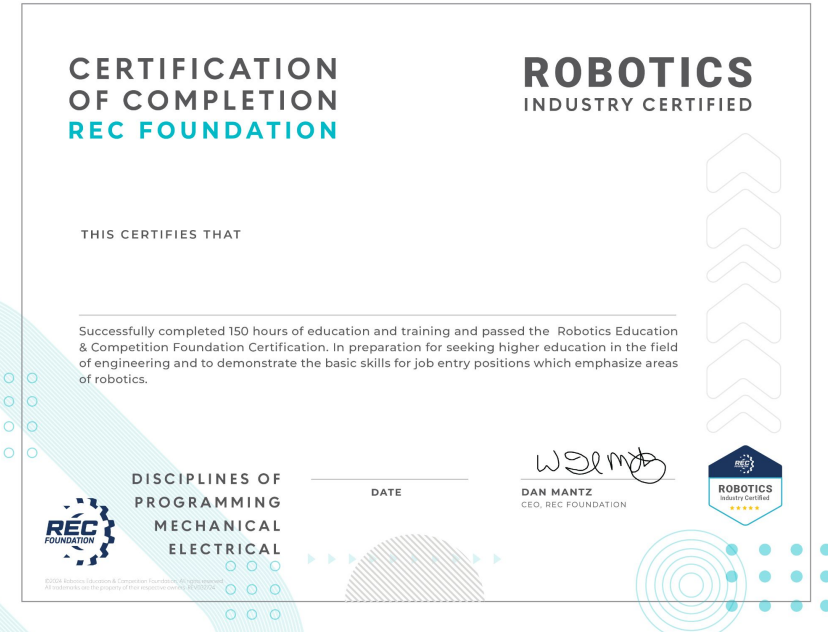


Industry Certification Benefits

Certifications = Opportunities

Many States provide funding for student-earned Industry Certifications.

Industry internships and Post-Secondary schools give favorable weighting to students with REC Foundation Certifications.



- > Perkins Funds
- > Career Development Funds
- > Industry recruitment
- > Students may earn college credits or course credits

Needs-Based Accommodations

Accommodation requests fall into three categories, and requests must be submitted a certain number of weeks before the test or event, as follows:

**Industry
Certification Testing**

Minimum of 2 weeks before test

ASL Interpreter

Minimum of 12 weeks before the event

Game Event

Minimum of 4 weeks before the event



08

Discussion
Session



- **Student Centered / Code of Conduct**
- **RECF Resources**
- **VEX Resources**
- **Additional Resources**
- **What other resource would you like to see?**

Contact

We are here for you

Event Partners and Coaches are the core of our competition program here at the REC Foundation. Please reach out to us with any questions or concerns. Thank you for all of your support.

Address

1519 Interstate 30 West
Greenville, Texas 75402

Phone & Email

903 401 8088
support@recf.org

[Resources](#)



ROBOTICS EDUCATION &
COMPETITION FOUNDATION

SUMMIT

VEX ROBOTICS PROGRAMS