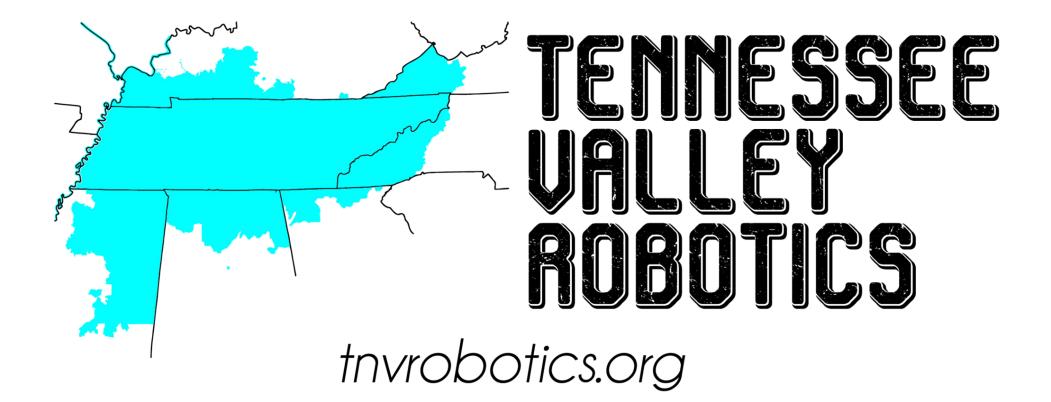
20 REC FOUNDATION 22 EVENT PARTNER

Welcome Session

Dan Mantz, CEO REC Foundation

Thank You TVR



ROBOTICS EDUCATION & COMPETITION FOUNDATION Inspiring students, one robot at a time.





Inspiring students, one robot at a time.

OUR MISSION

Increase student interest and involvement in science, technology, engineering, and mathematics (STEM) by engaging students in hands-on, affordable, and sustainable robotics engineering programs.



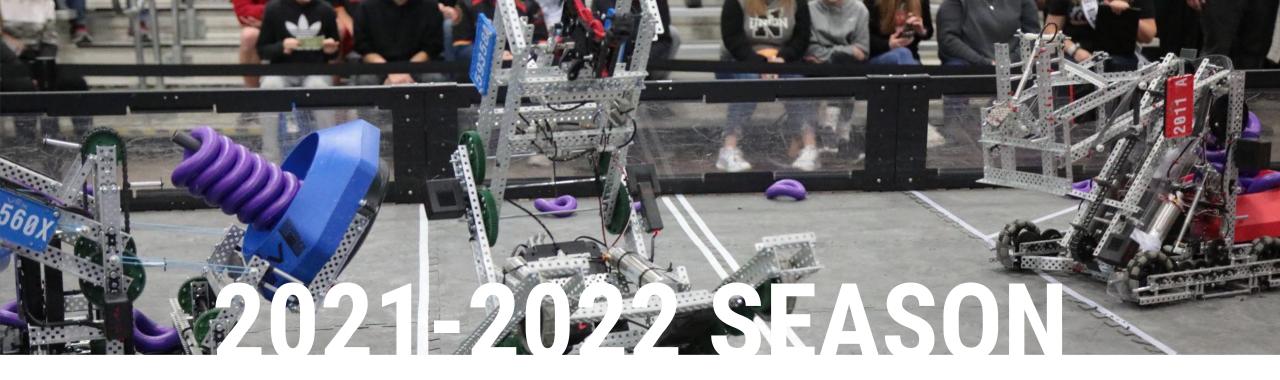


We create programs for all students to develop and thrive.

OUR VISION

We see a future where all students design and innovate as part of a team, experience failure, persevere, and embrace STEM.





Registration

Over 21,000 teams registered for VRC, VIQC or VEX U.

Events

The RECF hosted **over 2,300** events during the season.

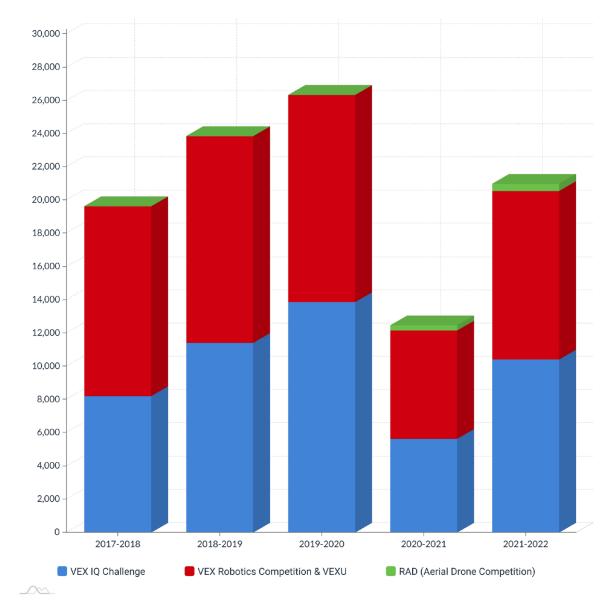
Countries

Teams from **over 50** Countries participated during the season.



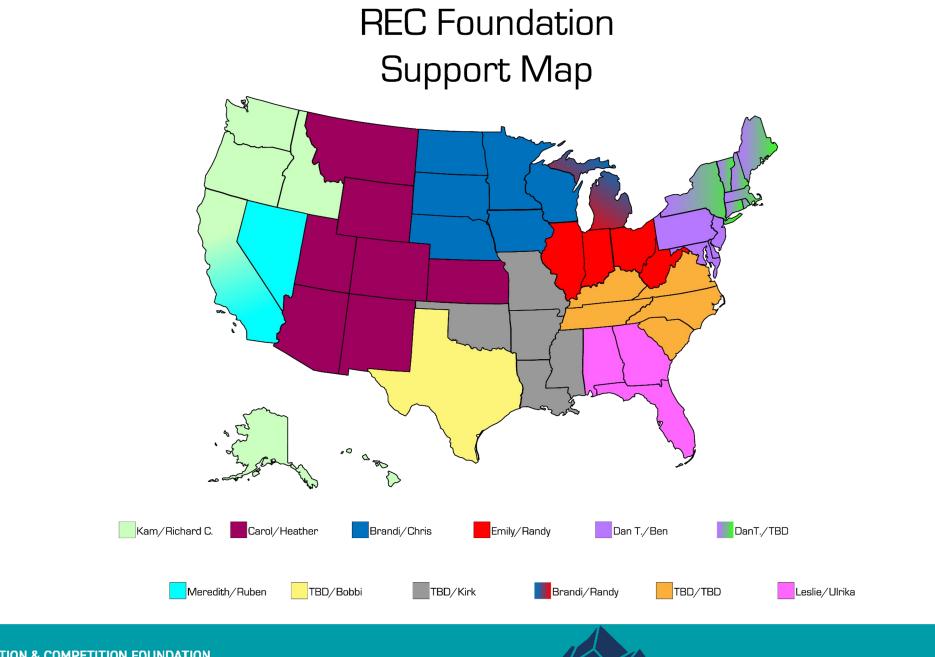
Team and Program Growth

Last Five Years

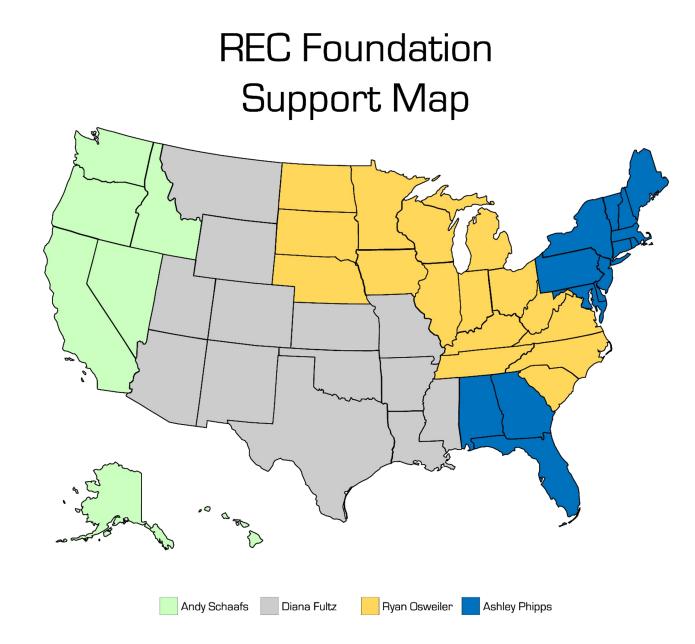


Source: 2022 CNM-PactTM dashboard





ROBOTICS EDUCATION & COMPETITION FOUNDATION Inspiring students, one robot at a time.

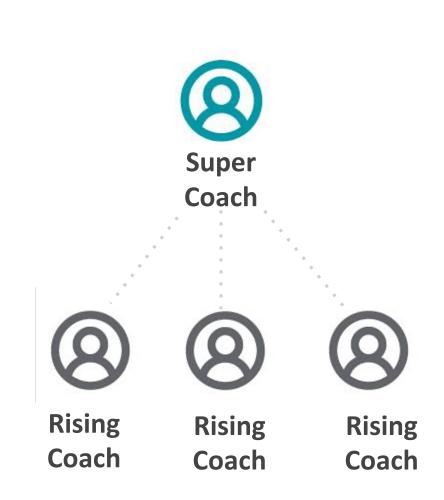






Google Mentor Program

The Google Mentor Program is designed to engage the existing robotics community and Google volunteers to provide resources, mentorship, support, and encouragement to rising robotics teams.



ROBOTICS EDUCATION & COMPETITION FOUNDATION Inspiring students, one robot at a time.

2022-2023 Competition Season Initial RECF Registration

First change in team registration fees since June 2017.





2022 - 2023 Initial RECF Registration fee of \$200

US Teams Only: VIQC, VRC, VEX U, and RADC

What's included?

1 Team Registration

Program Welcome Kit

Access to Online Challenges

RECF program staff support

Annual Coach and Event Partner Summits (both in-person and virtual)

Access to educational materials & training

\$150 Registration fee per additional team



EVENT PARTNER SUMMIT 2022

ROBOTICS EDUCATION & COMPETITION FOUNDATION Inspiring students, one robot at a time.



2022-2023 Competition Season Flat Organizational Fee



Flat Organizational Fee of \$650 for up to 22 team registrations (US).

Organizations are defined by the location of the hosting school or group

Each school in a district is recognized as a different organization.

Team Base Numbers do not change

If Organization exceeds 22 teams, additional team registration fees or multiple flat organizational fees for all teams in the organization will apply. Registration fees for non-US teams and organizations will be determined by the area RSM

2022-2023 Competition Season Flat Organizational Fee Examples

Organization	Number of Teams	Registration fee
Organization 1234	1 Team	\$200
Organization 9876	2 Teams	\$350
Organization 5678	4 Teams	\$650
Organization 3334	68 Teams	\$2300*

*Organization 3334 has 68 teams - Registration fee is \$2300 They will pay **3 flat organization fees to cover 66 team registrations** They will pay **\$350 to cover the remaining two team registrations**



Overview of Resources for VEX Registered Teams



Included with registration:

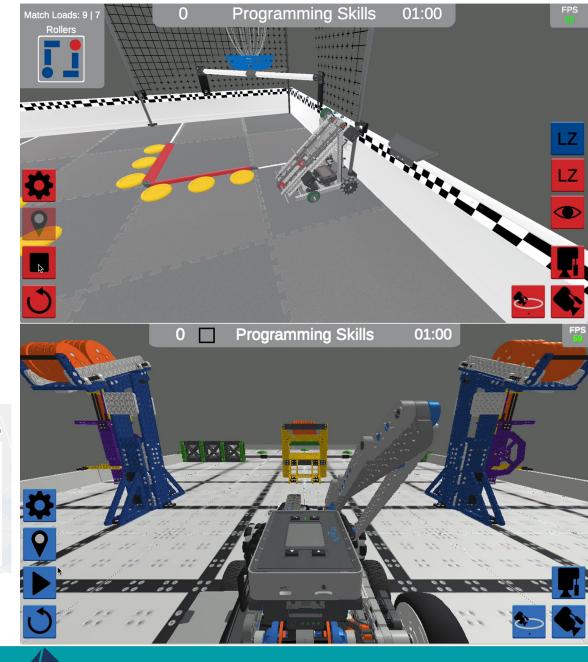
- Virtual Skills
- Mentor VEX PD+
- Competition Options (In-Person and LRS)
- Classroom Competition Activities
- Remote judging and digital notebooks
- Online Challenges
- Dedicated RECF Manager for customized support



Virtual Skills

Plan, strategize, and code your robot while learning computer science with VEXcode VR. Take advantage of knowledge base articles, lessons, and teacher resources.

/irtual Skills Standings EX Robotics Competition / Virtual Skills Standings						± Do	
Search				Event Region			
Country / Region All		State / Province Not Available	_	Grade Level High School		m Affiliation - All	
Search							
Rank Score	Stop Time	Team Number	Team Name	Organization	Event Region	Country / Region	



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Tournaments

1. In-Person Tournaments

2. In-Person Leagues

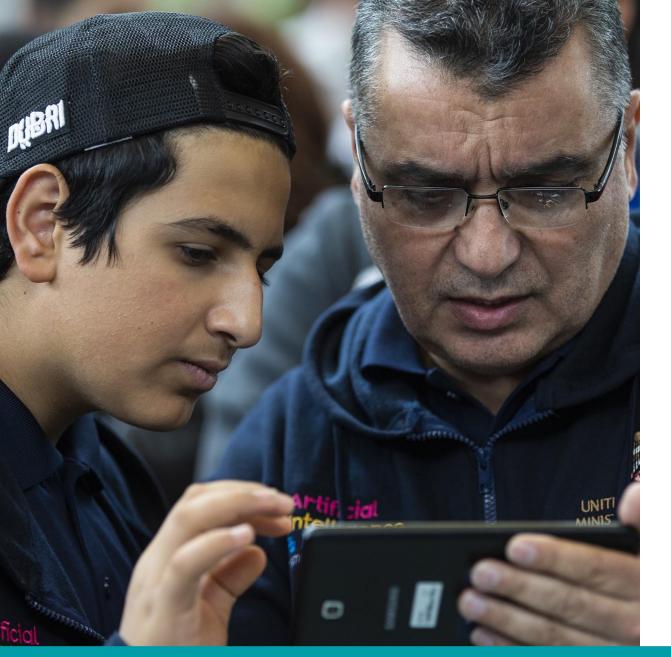
3. In-Person Skills

4. Live Remote Skills (LRS)

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EVENT PARTNER SUMMIT 2022

ST. MARY'S International School



Coaches and Event Partner Advisory Boards

The purpose is to share RECF initiatives with other stakeholders to get their feedback and to get their input on how we can better support them and the students.



2023 VEX Robotics World Championship

SAVE THE DATE FRE LARGEST ROBOTICS COMPETITION THE WORLD

The Kay Bailey Hutchison Convention Center Dallas

WORLD CHAMPIONSHIP



ROBOTICS EDUCATION & COMPETITION FOUNDATION Inspiring students, one robot at a time.

2023 VEX Robotics World Championship Feedback

Q4 Please rate your team's (or teams') experience at VEX Worlds.



196

20

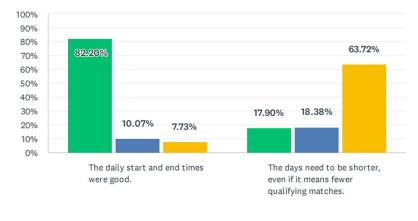
14

0

431

201

Q10 What do you think about the schedule for VEX Worlds?



Answered: 429 Skipped: 2

Agree

Neither agr... 📒 Disagree

	AGREE	NEITHER AGREE NOR DISAGREE, NO OPINION	DISAGREE	TOTAL
The daily start and end times were good.	82.20% 351	10.07% 43	7.73% 33	427
The days need to be shorter, even if it means fewer qualifying matches.	17.90% 75	18.38% 77	63.72% 267	419





BOB MIMLITCH III

Co-founder & Chief Technology Officer VEX Robotics & Innovation First International

OBOTICS R WORLD CHAMPIONSHIP

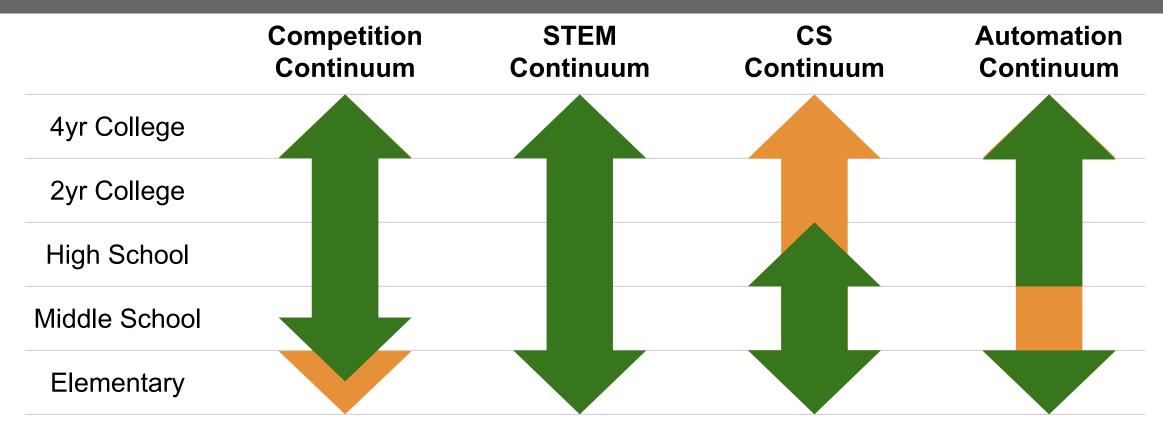
PRESENTED BY





- any Educator can teach STEM and CS
- any Adult can mentor a robotics team
- any **Student** can engineer a robot
- any **Team** can run a robotics camp
- any School can host a robotics competition

VEX Continuums



Educator Content Professional Development, Curricula, Knowledge Bases, Coding, Competitions

ROBOTICS

Capturing Knowledge



PRESENTED BY





STEM Library / IQ

Get Started	Electronics	Mechanical	VEXcode IQ	STEM Labs	VIQC Virtual Skills	Resources

- Start Here
 - Get Started with VEX IQ (1st generation)
 - Get Started with VEX IQ (2nd generation)

• Next Steps

- Get Started with a VEX IQ (2nd gen) Classroom Bundle
- Naming Your Brain with VEX IQ (2nd gen)
- Building Your First Robot with VEX IQ (2nd gen)
- Teach with VEX IQ
 - Having Effective Debrief Conversations with Your Students

kb.roboticsEducation.org

RECF Resources

Preliminary information currently under review





Teams

Resources for Competition Teams and Coaches



Event Partners

Host your own robotics event.



Volunteers

Help out at a local event.



Students & Parents

Certifications, scholarships and more.

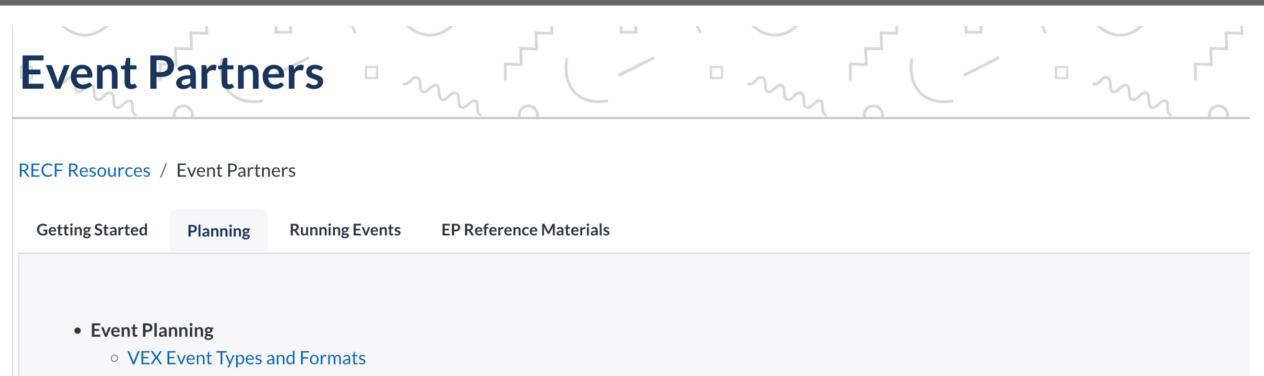


- VEX documentation
- Getting started
- Robot engineering
- Coding techniques
- STEM fundamentals

All online at library.vex.com

RECF Resources

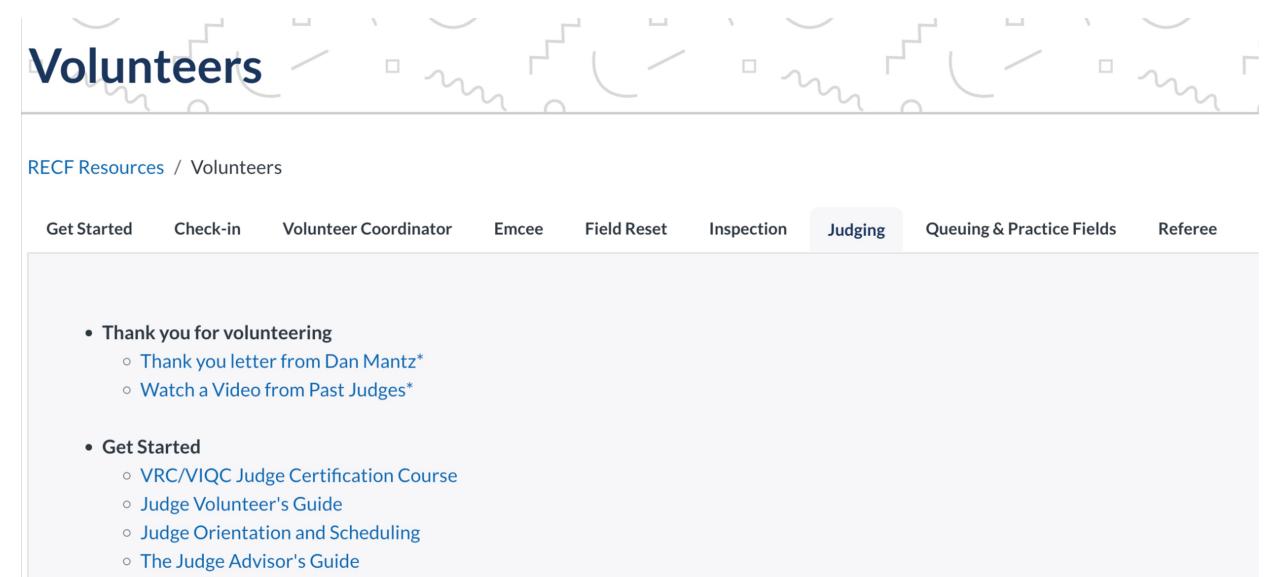
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- VEX Event Activities
- Event Planning
- Event Budget
- Venue Selection & Planning
- Remote Judging Options
- EP Supplies and Game/Field Components
- Team Qualification Process
- EP Involvement in Student Policies
- Mobile Apps for EPs

RECF Resources

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• Judging Changes for 2021-2022





THANK YOU

20 REC FOUNDATION EVENT PARTNER SUMMIT