2022 REC FOUNDATION COACH SUMMIT

Coach Resources
Leslie Cruse, Meredith Hale, Emily Bruning
WELCOME

COACH RESOURCES

Leslie Cruse, Meredith Hale and Emily Bruning
BEFORE WE BEGIN

BEST PRACTICES

This is for YOU - the Coaches. Please ask questions when you have them.

- Utilize the Chat
- Share Pro Tips
- Take Breaks
- Ask Questions in the Chat
- Be Respectful
Leslie Cruse
Team Engagement Manager
AL, GA, TN AND KY

Volunteer for VEX Robotics tournaments

Certified VEX Educator in VEX 123, VEX GO, VEX IQ, VEX V5,
and CS with VEXcode VR.

6 years with the REC Foundation

Team Engagement Manager for AL, GA, KY & TN

Teacher Training Manager

Volunteer Preference: Queen of Queuing!

leslie_cruse@roboticseducation.org
Meredith Hale
Team Engagement Manager
Nevada & Southern California

Has more than 20 years of experience working with teachers, programming, and curriculum through museum education, libraries, and schools.

Really loves to help people - ask me anytime!

Is a lifelong maker, artist, tinkerer, and dog person

Likes coding, but LOVES building

Volunteer Preference: Emcee!

emeredith_hale@roboticseducation.org

Emily Bruning
Team Engagement Manager
Indiana, Ohio, & West Virginia

Has more than 12 years of experience in the field of education as a classroom teacher and State Department of Education Specialist.

Prior VIQC coach and event partner

Loves building, iterating, designing, and perfecting the engineering notebook

Loves baking, hiking, and parenting

Volunteer Preference: Queuing

emily_bruning@roboticseducation.org
WEBSITES

There are 3 websites you will want to bookmark for easy access.

roboticseducation.org

robotevents.com

vexrobotics.com
REC FOUNDATION

https://www.roboticseducation.org/

Competition Teams
Event Partners
Volunteer Information
COMPETITION INFORMATION

- Game Manuals
- Team Guide & Event Partner Guides
- Team Registration
- Student-Centered Policy and Code of Conduct

- Design Notebook Samples
- Participation Release Forms
- and More!
REC Foundation Knowledge Base is a library of resource information for coaches, event partners, volunteers, and parents. This is the place to find anything from running a team, to hosting your first event and how to prepare your volunteers!

https://kb.roboticseducation.org/hc/en-us
The VRC and VIQC Apps are the ideal competition companions for teams, spectators and event partners. They include:

- Searchable, easy to use, official game manual.
- Calculator to keep score for the current game.
- Timer to run your own practice matches (with official game sounds).

VEX Tournament Manager Mobile app can be used at scrimmages and tournaments. Referees can submit match scores from their devices.

VEX via allows you to follow the progress and results at local competitions.

MOBILE APP LIBRARY
https://www.roboticseducation.org/mobile-app-library/
ROBOEVENTS
https://www.robotevents.com

Register Teams
Register for Events
Official Q&A Forums
Click on your Country or State to find your support team contact information

https://www.robotevents.com/support
www.vexrobotics.com

VR Skills
Mentor PD+
STEM Library
Certifications
and STEM Labs
RESOURCES

VEXcode VR Information

Getting Started

Tutorials on VEXcode VR Features

Using Activities

Sharing Projects

Teacher Portal
VR SKILLS

- Included in your team registration
- Drag, Drop, Drive
- Video Tutorials
- 22-23 Game
- Block and Text Based Options

VIQC and VRC VR Skills
VEX MENTOR PD+

Reshaping STEM Education Together

https://pd.vex.com/

- Engineering Design Notebook
- Online Challenges
- Roles on a Team
- Competition Day Best Practices
- Competition Information
- REC Forms, Policies, and Procedures
VEX STEM LIBRARY

https://kb.vex.com/hc/en-us

VEX Robotics STEM Library is a wealth of information about all things VEX. This self-serve support is there to help users quickly find information about VEX products, services, or programming.
CERTIFICATIONS

Drive Team
Head Referee
Event Partner - Judge

https://certifications.vex.com/
STEM LABS

STEM labs function as “plugin” lessons that can fit into your existing curriculum

https://education.vex.com/
2022-2023 Hero Bot Build

Meet Snapshot

✓ Snapshot Gen 1 and Gen 2 - IQ Build Instructions
✓ VIQC Hero Bot Snapshot Video - Part 1
✓ VIQC Hero Bot Snapshot Video - Part 2
COMING SOON
2021-2022 Hero Bot Build

Meet Disco

✓ VRC Hero Bot Disco Video - Part 1
✓ VRC Hero Bot Disco Video - Part 2
VEX Forum

RobotEvents Official Q&A
Register your team today

Your team registration includes:

- **2022-2023 VEX Competition Welcome kit**
- **Mentor PD+**
  The Mentor PD+ is a video library of resource information for coaches, event partners, volunteers and parents. You will find anything from running a team, to hosting your first event, to preparing your volunteers.
- **REC Foundation Knowledge Base**
  The RECF Knowledge Base is a library of resource information for coaches, event partners, volunteers and parents. You will find anything from running a team, to hosting your first event, to preparing your volunteers.
- **Virtual Skills**
  VR Skills is designed to allow teams to compete in a virtual environment with the 22-23 Slapshot or Spin Up
Register your team today

2022 - 2023 Initial RECF Registration fee of $200

- First change in team registration fees since June 2017
- US Teams Only: VIQC, VRC, VEX U, and Aerial Drones Competition
- Access to Online Challenges
- RECF program staff support
- Annual Coach and Event Partner Summits (both in-person and virtual)
- Access to educational materials & training

NEW Flat Organizational Fee

- $150 Registration fee for next three teams
- $650 max Registration fee for up to 22 team registrations
From Pre-K to 12th grade:
The VEX Ecosystem does it all!

Learn how the vertical alignment of programs recently developed by VEX is solving many of the problems that coaches are facing as the popularity of competitive robotics grows.
THANK YOU

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