

# Camps & Workshops

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Inspiring students, one robot at a time.

# Start Planning now for Next Summer

- Secure a location at your school or work with an outside partner.
  - Local Community College or University
  - Community Center, Church Halls
- Camp advertising can take place in the winter.
  - Contact local Parent Magazines
  - School Districts
  - PTA Groups

# Use as a team fund raising event

- Have your students staff the camp sessions
- Use the net funds to expand your program
- Use the funds to help cover the cost of team travel
- Multiple session over the summer can help defray start up costs.

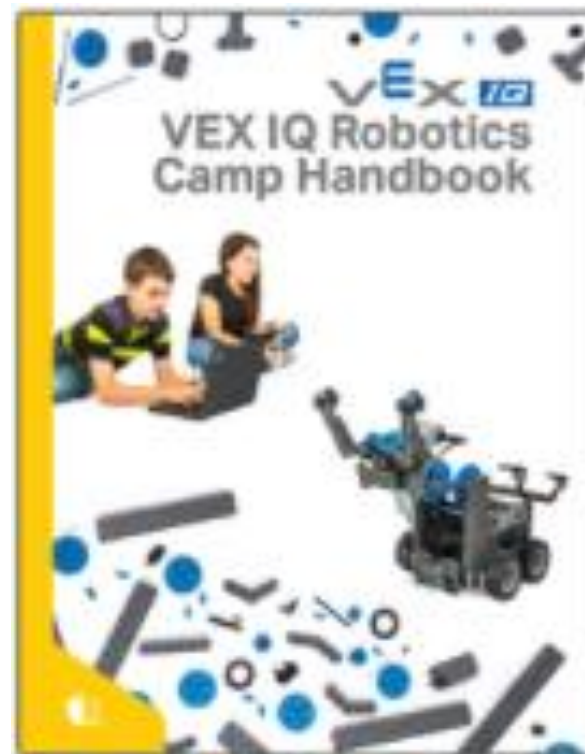
# Post Your Camp Session



- Robotevents.com
- Post all information
- Register participants
- Communicate with parents
- Have fees collected online

# A guide to walk you through the process

- Using this Handbook
- Get Ready Guide
- Camp Overview
- Open-Ended Challenges
- Real-World Extension Activities



# Features of the Handbook:

- For beginner to intermediate users
- Flexible one, three, and five-day camp options.
- Instruction through open-ended challenges
- Options for both mechanical & programming focus

## The five sections of this Handbook Include:

- The Get Ready Guide: Walks camp leaders through the planning process including what VEX IQ kits to purchase to run the camp.
- The Camp Overview: Guides camp leaders and campers through the different Learning Activities and paths that can be chosen to construct the camp experience.
- Open-Ended Challenges: Provides four challenges that can be used as part of the camp experience. Lots of tips, options, and even sample programs are provided.
- Real-World Extension Activities: Four extension activities to use to help campers apply their work more directly to the world around them.
- Learning Activities: Providing new experiences and samples while leveraging the content from the VEX IQ Curriculum ([vexiq.com/curriculum](http://vexiq.com/curriculum)) and Robotics Education Guide (P/N: 228-3319) this section provides fifteen Learning Activities that teach core concepts and principles. Camp leaders can choose which learning activities best fit the camp experience they are providing.

# Consider a Summer Session using the Online Challenges

The REC Foundation's Online Challenges provide a unique opportunity for students from around the world to participate in VEX Robotics Competition and VEX IQ Challenge-based engineering competitions. Students can show off their work, win prizes, and even get a chance to compete at the VEX Robotics World Championship. The REC Foundation organizes Online Challenges in subjects such as robot construction, sustainable engineering, animation, and video production.





# Camp Resources

- VEX IQ Camp Handbook:  
<http://www.vexrobotics.com/vexiq/products/accessories/vex-iq-robotics-camp-handbook.html>
- Robotevents Site:  
<http://www.robotevents.com>
- VEX IQ KITS
  - [vexiq.com/products](http://vexiq.com/products)
  - Kit Documentation    Build Instructions and more VEX IQ Curriculum
  - [vexiq.com/curriculum](http://vexiq.com/curriculum)
- VEX IQ Robotics Education Guide & Teacher Supplement  
P/N: 228-3319 & P/N: 228-4339
- VEX IQ Resources Page
  - [vexiq.com/documents-downloads](http://vexiq.com/documents-downloads)
  - VEX IQ Youtube Playlist    [vexiq.com/videos](http://vexiq.com/videos)

# Use [Robotevents.com](http://Robotevents.com) for posting

- Student Workshop
  - VRC Startstruck Game Strategy
  - IQ Crossover Game Strategy
- Teacher Workshop
  - Curriculum
  - Team Development
- Coaches Workshop
  - How to Start a Team
  - Developing a Student Centered Program
- Volunteer Workshop
  - Referees
  - Judges
  - Tournament Manager Operators
  - Team Queuing

# Workshops

- This is a great way to elevate the quality of programs in your area.
- Develop a sense of community among local teams.
- Consider hosting a session for new teams as the school year begins.
- This is also a great way to develop new volunteers and future Event Partners