

# Live Remote Tournament (LRT)

LRT was developed by the Robotics Education & Competition (REC) Foundation during the Covid-19 Pandemic to give teams the ability to compete in robotics competitions safely. In LRT, teams will compete in head-to-head matches with other teams in a newly-developed environment similar to an in-person event.

PAY would be participating in LRT using VEX IQ robots for the 2021/2022 competition. It begins May 29th, 2021 and goes until the end of April 2022.

## REC Foundation's Mission:

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

## Logistics:

- PAY can register up until March 2022 (we spoke about PAY trying to start in January 2022)
- Register the team through robot events (instructions under tournament resources)
- Recommended that teams compete at least twice during a season, but teams can compete as many times as they'd like
- Dan Mantz will donate playing fields
- Dan Mantz will waive the registration fee for the first year
- Typically, registration fee is \$150 for the first team registered, any other team registered under the same organizations is an additional \$100 per team.
  - Dan Mantz is looking to subsidize this cost and create a flat organization fee for future years.
- All ages are welcome to compete in the regular VEX IQ tournament games, however when competing in a championship game only students ages 9-15 are able to compete.
- You will get a **virtual** robotics kit and engineering design notebook when you register
- Tournaments are every Wednesday, Thursday and Saturday

## Equipment needed:

Each team will need a robotics kit (VEX IQ), computer, a webcam, internet connection, and a full field with game elements. Teams may not share any of these items if competing in the same LRT event. The number of fields an organization has is the limit to the number of teams that can register for any given event. Carefully review the LRT Team Setup and Instruction documents for detailed equipment requirements (these can be found below in tournament resources).

## Becoming an Event Partner:

Becoming an Event Partner (EP) is a great opportunity for individuals who share our passion for robotics and seek to establish a revenue stream to sustain and grow their own robotics program. First step in becoming an event partner is to contact your Regional Support Manager (RSM). Your RSM will explain the requirements, show resources available to you, and connect you to the community of other EPs. Your RSM is Paul McKnight and his contact information can be found below. For more information on becoming an event partner see tournament resources below.

### Tournament Resources:

[Team Setup and Instructions](#)

[Registering a Team](#)

[Event Partner Guide](#)

### Teaching Resources:

[VEX IQ Educator Certification Course](#)

[VEXcode Resources](#)

[VEX IQ STEM Labs](#)

### Contact Information:

Dan Mantz (CEO of REC Foundation):  
[dan\\_mantz@roboticseducation.org](mailto:dan_mantz@roboticseducation.org)

Paul McKnight (RSM for Africa):  
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