



TSA VEX Robotics (VRC) and TSA VEX IQ (VIQC) Competitive Events Frequently Asked Questions

- A.** *Which organizations manage the TSA VEX Robotics Competitions?*
- TSA and the REC Foundation (the representatives of VEX Robotics), in partnership, manage the TSA VEX Robotics Competition (VRC) and the TSA VEX IQ Challenge (VIQC) National Championship at the national TSA conference each year.
- B.** *How do interested students register to compete in the TSA VRC or TSA VIQC events?*
1. [Affiliate](#) with TSA for the current school year.
 2. Register with VEX as a:
 - VEX IQ Challenge (VIQC) team for middle school chapters;
 - VEX Robotics Competition (VRC) team for high school chapters.
 - There is no VEX registration fee to participate in the TSA VEX National Championship at the virtual 2021 National TSA Conference. Note: Registration fees for state delegation TSA VEX events may be applicable. State delegation information can be accessed through the [State Delegations](#) page on the TSA website.
 3. [Register](#) for the virtual 2021 National TSA Conference.
- C.** *Can I participate in non-TSA VEX events?*
- TSA affiliated chapter members who wish to participate in a **non-TSA VEX** event must register separately on [robotevents.com](#) and pay associated registration fees.
- D.** *Can I use my VEX registration number for TSA related competitive events?*
- No. Teams that register to participate in both TSA VEX events and non-TSA VEX events will receive two (2) different registration numbers in the VEX registration system. TSA VEX registration numbers are non-transferrable and only can be used for TSA related VEX events.
- E.** *How many VRC or VIQC teams can compete at each TSA VEX event?*
- The TSA/VEX National Championship is open to all TSA chapter members for the virtual 2021 National TSA Conference and will not be a TSA state advisor approval event.
 - Up to two (2) teams per chapter may participate.
 - The championship event is limited to one hundred (100) teams.
- F.** *Can my middle school team compete in VRC?*
- Yes, middle school teams may participate in the VEX Robotics Competition (VRC). Please contact [Leanne Guido](#) directly with any TSA registration questions.



- G.** *What is the format of the TSA/VEX National Championship for the 2021 National TSA Conference?*
- TSA/VEX participants will utilize robotics engineering design skills to create an electronic Engineering Notebook that depicts the design process for a robot intended to play this year's VRC or VIQC challenge. Each team also will create a maximum 3-minute video explaining its design process and showing what the team has prepared as part of its finished design. This could include a demonstration of the team's robot playing the game, different functions of the robot (with or without game objects), or - if the team does not have a physical robot - the team could show drawings and/or models of its design. The lack of a physical robot will not reduce the team's potential score.
- H.** *What is the format of the video submission?*
- As with all TSA events, the video must be posted to a video hosting site (e.g., YouTube or SchoolTube) and will be collected by VEX. Links to Google Drive or Dropbox are not permitted and will result in disqualification. Any hyperlinks that do not point directly to the entry or that request that access be granted will not be judged.
- I.** *How will I submit to the video portal?*
- Teams will be provided with a link to a Google Form to submit their notebook and a link to their video.
- J.** *Where can I find information pertaining to the rules and regulations?*

VEX IQ Webpage (Rubrics, requirements, and contact information):

<https://www.robotevents.com/robot-competitions/tsaviqc/RE-TIQC-21-4372.html>

VEX IQ Challenge Game Manual – **Rise Above**

<https://link.vex.com/docs/VIQC-rise-above/GameManual>

VEX VRC Competition Webpage (Rubrics, requirements, and contact information):

<https://www.robotevents.com/robot-competitions/tsavrc/RE-TVRC-21-4370.html>

VEX Robotics Competition Game Manual – **Change Up**

<https://link.vex.com/docs/vrc-change-up/GameManual>

- K.** *Who should I contact if I have other questions about the TSA VEX National Championship?*

[Janice Cabahug](#), TSA

REC Foundation

Email: support@roboticseducation.org

Phone: (903) 457-0470

Event Day Phone: (903) 457-0470