



Frequently Asked Questions

TSA VEX Robotics (VRC) and TSA VEX IQ (VIQC) Competitive Events at the 2023 National TSA Conference

Which organizations manage the TSA VEX Robotics Competitions?

TSA and Robotics Education Foundation (REC), in partnership, manage the TSA VEX Robotics Competition (VRC) and the TSA VEX IQ Challenge (VIQC) TSA National Championship at the national TSA conference each year.

Why are the TSA VRC and the VIQC formats different than the traditional VEX Robotics Competition (VRC) and VEX IQ Challenge (VIQC) formats?

TSA offers over thirty (30) events in each of its divisions (middle school and high school). A traditional VRC and VIQC competition, with 100 teams at a national TSA conference, typically requires two (2) full days of competition. To allow TSA VRC and VIQC teams to compete in other TSA events, the TSA VRC and VIQC competitions are modified to balance time constraints and still provide participation in key areas: Programming Skills, Driver Skills, Teamwork Challenges, and Head-to-Head Competition.

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 REC as a:
 - **VEX IQ Challenge team** (VIQC for middle school chapters)
 - **VEX Robotics Competition** (VRC for high school chapters).

There is no VEX registration fee. Registration fees to participate in TSA state conferences/non-TSA VRC State Championships, VEX Worlds, and the TSA VEX National Championship apply.
3. Register for the conferences through the state/national website.

How many VRC or VIQC teams can compete at each TSA VEX event?

The number of VRC or VIQC teams that can compete at local or state TSA VRC and VIQC competitions is determined by the local event partner. Most state events allow up to two (2) TSA teams per chapter.

For the TSA VRC & VIQC National Championship, TSA state advisors approve a maximum of three (3) advancing teams; no more than two (2) teams per chapter may advance; no more than 100 teams in total may compete.

How does the TSA state advisor determine the teams that advance to the TSA VEX National Championship at the National TSA Conference?

TSA VRC and VIQC teams must compete in official state TSA VEX Robotics competitions in order to qualify for the TSA VEX National Championship held at the national TSA conference. If no TSA state conference is held in a state, or if there is no TSA VEX Robotics Competition held at a state conference, then the TSA state advisor may select teams from other official VEX VRC and VIQC events in the state.

What awards will be given at the TSA VRC and VIQC National Championship at the national TSA conference?

For the TSA VRC National Championship:

- Robot Skills Challenge – 1st, 2nd, & 3rd place trophies, TSA finalist pins
- Head-To-Head Tournament Champion – 1st, 2nd, & 3rd place trophies, TSA finalist pins
- Excellence Award – 1st, 2nd, & 3rd place trophies, TSA finalist pins

For the TSA VIQC National Championship:

- Robot Skills Challenge – 1st, 2nd, & 3rd place trophies, TSA finalist pins
- Teamwork Challenge Champion – 1st, 2nd, & 3rd place trophies, TSA finalist pins
- Excellence Award – 1st, 2nd, & 3rd place trophies, TSA finalist pins

I would like to run events or become involved.

How do I become a TSA VRC or VIQC event partner?

Visit www.roboticseducation.org for information.

Who should I contact if I have other questions about the TSA VEX National Championship?

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