



TSA VEX Robotics Competition & VEX IQ Challenge National Championship 2017 National TSA Conference

Requirements and Rules for TSA Teams

Requirements

1. TSA VEX teams must be affiliated with TSA, registered as a VEX Robotics Competition (VRC) or VEX IQ Challenge (VIQC) team, and paid in full by **March 1st, 2017** to participate in the 2017 TSA VEX National Championship.
2. TSA VRC and VIQC teams must be approved by and registered for the TSA VEX National Championship event by their TSA state advisor.
3. A maximum of three (3) VRC teams and three (3) VIQC teams per state may advance to the TSA VEX National Championship. TSA will make the final determination if additional teams are invited per state, for a maximum of 100 teams at the National TSA Conference.

Rules

The TSA VEX National Championship adheres to the format described below:

- Only student team members may fill the roles of Driver and Coach during a TSA VEX competition; this includes Robot Skills matches and the final playoffs for VRC & VIQC. Competition robots should reflect the work of the student team. At TSA VEX events, students showcase their knowledge and skills in designing, building, repairing, and programming a robot, and in documenting their experience in an engineering notebook. While adults may assist students in urgent situations, only students may work on a robot or notebook.

For the VEX Robotics Competition (VRC):

- The team's Robot Skills score, a combination of highest Driver Skills scores and Programming Skills scores, determines advancement into the VRC Head-to-Head Tournament.
- The structure of the VRC tournament is head-to-head competition for the top eight (8) ranked teams. The VRC Head-to-Head Tournament is one (1) team versus one (1) team; there are no alliances.
- The Excellence Award will recognize the 1st, 2nd, and 3rd place teams at the 2017 TSA VEX National Championship. The award is determined by a team's Excellence ranking, a combination of factors that includes the team's Robot Skills score and Engineering Notebook score.

For the VEX IQ Challenge (VIQC):

- The team's Robot Skills score, a combination of highest Driver Skills scores and Programming Skills scores, determines advancement for the VEX IQ Teamwork Challenge Finals.
- The VEX IQ tournament structure is Teamwork Challenge Finals matches, where each two-team alliance competes in one (1) finals match. This is a two-team collaborative alliance.

For more information, please visit:

- Competition Guidelines - TSA VEX Robotics Competition (VRC) – Starstruck
- Competition Guidelines - TSA VEX IQ Challenge (VIQC) – Crossover