

TSA VEX Robotics Competition

TSA Chapter Advisor and Competitor Information

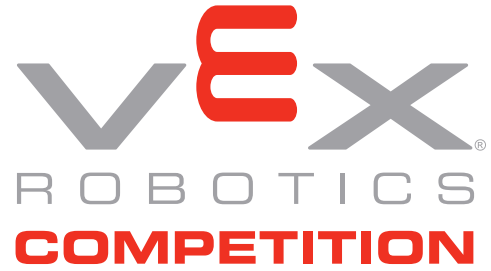
Why should I get involved?

The TSA VEX Robotics Competition provides the perfect STEM-oriented venue for middle school and high school TSA members. Sign up your students and watch them take off! With enthusiasm they'll build their robot and then compete in an extraordinarily exciting head-to-head game against some of the best young engineering minds from around the country.

Simple? Yes, and the competition was designed to start right in your classroom!

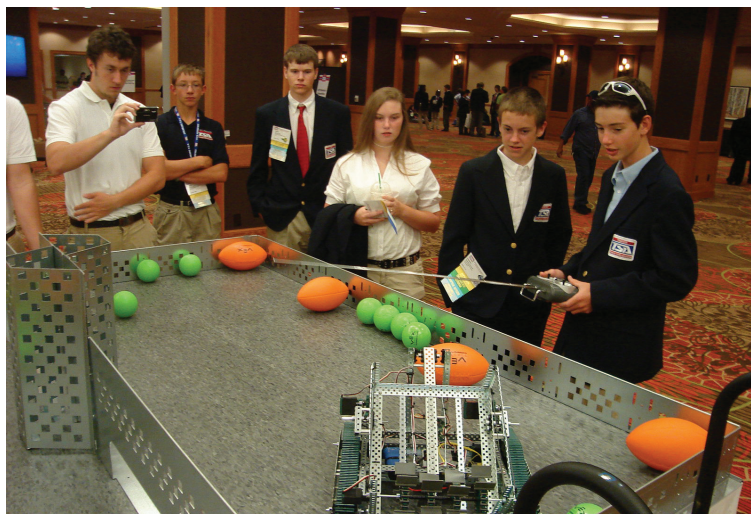
- Not experienced with the competition? No problem. The competition is easily accessible to you - and highly motivating to young people.
- The competition curriculum is mapped to national STEM standards.
- Your students will face real-world engineering restrictions and a level playing field (each team is limited to the same kit of parts).





What does it take to get a team started?

- The VEX Teacher's Handbook (stand alone cost is \$19.99; it is included in some system options; see www.vexrobotics.com/tsa). This recommended guide provides step-by-step planning information, connections to STEM, and specifics about robotics and the TSA VEX competition, Swept Away. The Swept Away game was crafted for the TSA VEX Robotics Competition and is designed to work easily in the classroom.
- The VEX Robotics Design System (multiple kit/ bundle options are available at varying price points; for details see www.vexrobotics.com/tsa). Kits/ bundles include all items needed for students to design, build, power and operate robots. A team can build anything it can imagine with the available products! If you already have a bundle, no further purchase is necessary unless additional supplies are desired.
- Register your TSA VEX team at www.RobotEvents.com. This Web site provides information about how to register for both a state TSA conference venue and the national TSA conference venue. (\$150 fee applies for each venue.)



- Visit www.vexrobotics.com/tsa to learn everything about the official Swept Away game and field objects.

