

Middle School Robotics Leagues

The **VEX IQ Robotics Competition** provides elementary and middle school students with exciting, open-ended robotics challenges that enhance their science, technology, engineering, and mathematics (STEM) skills through hands-on, student-centered learning. The VEX IQ Robotics Competition fosters student development of the teamwork, critical thinking, project management, and communication skills required to prepare them to become the next generation of innovators and problem solvers. The VEX IQ Robotics Competition is aimed at grades 3 through 8 for teams of 4 to 6 students.



FIRST LEGO League (FLL) Challenge is a program for students in 4th through 8th grades. Teams of 6-8 students get hands-on experience with engineering, coding, and problem-solving. They build and program a robot to complete a series of specific LEGO built missions as they prepare for a competitive robot game. In addition to the robot game, teams also work on an Innovation Project where they identify and create a solution to a real-world problem. Each team's journey culminates at a qualifying tournament where they present their projects and robot design to judges along with going head-to-head with other teams in the highly competitive autonomous robot games. FLL Challenge provides a dynamic, fun way for students to apply STEM skills while learning about teamwork and innovation.



ADC Aerial Drone Competition offers students in middle and high school an opportunity to learn to safely operate a drone and work together as a team. The intersection of sport and technology, experience an educational drone competition event to see the dedication, innovation, and excitement unfold among students who are reaching new heights and leveraging real-world skills to amplify their futures. Along the way, students learn programming using multiple coding platforms. The Aerial Drone Competition is aimed at grades 6-12 students with 4-5 team members. Only two teams are allowed per campus.

