

VEX IQ Robotics

Application Form-MUST BE FILLED OUT BY STUDENT in complete sentences.

Student Name: _____ Grade: _____

Current Teacher: _____ Last Year's Teacher _____

Parent Email: _____

Student Email: _____

1. Why do you want to be on the VEX IQ Robotics team?

2. What does teamwork mean to you?

3. What strengths do you have that will help you be successful on the VEX IQ Robotics team?

4. What will you do to show your dedication to your team and coaches?

☐ I agree that neither I nor my child will post anything electronically (positive or negative) about the team results for a period of 24 hours after the results are posted (also referred to as electronic blackout).

☐ I understand I am expected to attend Tuesday/Thursday meetings and three Saturday tournaments.

x _____

Student Signature

x _____

Parent Signature

Dear Parents and Candidates,

VEX IQ is a robotics club for students in 6th grade. With a team, you will build a robot to compete with other teams through programming and driving challenges. This club meets **every Tuesday and Thursday from 3:45-5:30 PM** beginning September 29 and runs through February (specific timeline TBA based on competition schedules). There will be three tournaments on a Saturday. **A fee of \$50** will be collected if your student makes the team. For information regarding school fee waivers, please reference Davis School District's website.

Prerequisites

- Enjoys tackling challenging problems.
- Maintains a positive, persistent, and creative mindset in the face of problems.
- Has an interest in science, technology, engineering, math, and programming.
- Willing to be part of a team and work together to solve problems.

Expectations

- Students must attend all meetings. This is a team commitment that requires each member to be there. If you miss more than two times, you will be removed from the team, and an alternate will take your place.
- All teams are required to attend three tournaments. These are on Saturday mornings at another school in the district.
- Students should arrive for meetings on time and be ready to participate.
- Our school Bobcat expectations always apply. If behavioral issues arise, it can result in expulsion from the team.
- Students must be able to work comfortably in a team environment by offering potential solutions to difficult problems and supporting final team decisions even when their own ideas are not adopted.

Application Process

1. **There are limited spots! To become part of the team you will need to fill out an application and turn it into Ms. Edwards (Orange, Rm 2100) by end of school on September 4th. Late applications will not be considered.**
2. We will email your previous teacher for a recommendation (unless you are new to the school, then we will contact your current teacher).
3. Try-outs are on September 11th after school in the gym. Time slots will be assigned after applications have been received. Come prepared to participate in a team challenge.

****Team members will be announced on the school website on September 18th by 4:00 PM.**

Thank you,

Mrs. Davis camdavis@dsdmail.net & Mrs. Edwards jessedwards@dsdmail.net

What to Expect in Competitive Robotics?

Being part of a robotics team is a hands-on way for students to learn, explore, and grow. Success doesn't come from one person's ideas—it takes the effort, creativity, and skills of the entire team. Together, students will:

- **Collaborate as a team** to design, build, and program their robot—no single student can do it alone.
- **Explore engineering** by using the Engineering Design Process to plan, test, and improve ideas as a group.
- **Practice notebooking** through shared writing and drawing that documents the whole team's progress.
- **Gain technical skills** in mechanical design, electronics, and coding by learning from and supporting one another.
- **Compete with their robot** in a safe and supportive environment that emphasizes teamwork and sportsmanship.
- **Grow as student-driven problem solvers**, developing respect, confidence, and collaboration along the way.

Joining the robotics team is a commitment. Students will spend time outside of regular school hours meeting with their team, practicing, and preparing for competitions. This dedication is important because building a successful robot takes consistent effort, patience, and teamwork. In return, students gain valuable skills, lasting friendships, and the rewarding experience of seeing their hard work come to life.

VEX IQ Robotics Team Selection Process Overview

Our goal in selecting students for the VEX IQ Robotics Team is to create an environment where students can thrive, collaborate, and grow both in skills and teamwork. To ensure a fair and balanced selection process, we use a detailed rubric to evaluate each student across three main areas.

- **Student Application**
- **Teacher Recommendation**
- **Tryout Performance**

The rubrics for both the student application and the teacher recommendation are provided by the district and are consistently used across all VEX IQ teams.