



VEX Robotics Team Application Form Mt. Everett Regional School

Thank you for your interest in Mt. Everett's VEX Robotics program. Our vision for this team is that it demonstrates the outstanding talent and amazing accomplishments of our students. We are seeking enthusiastic, self-motivated, talented, hard-working students with exemplary interpersonal skills. Mt. Everett will offer 3 VEX robotics teams this year, a 7/8 team, a 9/10 team, and a 11/12 team. Due to several factors, we may not accept all qualifying applications.

The application is due by September 8th and contains the following:

- This cover page
- Student application with teacher recommendation
- Student behavior contract
- Student rubric
- Parent agreement

Please note the following information to determine your ability to participate in the program:

STUDENT COMMITMENT: Team members will be expected to attend all team meetings with more hours to be put in as we move closer to competition dates. If conflicts are unavoidable, you must inform Mr. Thompson prior to your team meeting. Team meetings this year will be held on Tuesdays for the two high school teams and Thursdays for the middle school team. **Hours are 3:00-4:30. This is not a lot of time per week, so sessions must be focused and productive.** To get a jump-start on the new year, summer sessions will be held every Thursday from 10 am to 2 pm this starting July 6, 2017. Team members will start building and programming for the new competition. For more regarding student commitment, please read and sign the behavior contract.

SUGGESTED CONTRIBUTION: \$100 per student. This covers the cost of registration, t-shirts, supplies, VEX robots, computer software purchase, food, and various social events. Checks can be made payable to "Mt. Everett Robotics". A 25% discount per sibling is offered. This means that 2 or more siblings would pay a \$75 fee. If this amount is difficult for your family at this time, please contact Mr. Thompson for a potential scholarship.

TRAVEL: Tournaments most often will be on Saturdays in the Worcester or New Haven areas. They are all day events with students arriving to school anywhere from 5 to 7 am depending on the destination and not returning until 7 or 8 at night.

COURSE WORK & PREREQUISITES: Robotics 1 & Robotics 2 are available to high school students. Robotics 1 teaches students how to program in Robot C and build with the VEX system. Robotics 1 is a prerequisite to Robotics 2 and for anyone new to the robotics teams. ***If you have not participated in past years, you must take Robotics 1 prior to joining the team.*** Robotics 2 is dedicated time to building the robot for this year's competition.

QUESTIONS? Please email Mr. Thompson at cthompson@sbrsd.org

Mt. Everett Robotics Team Member Behavior Contract

Conduct. Mt. Everett Robotics treats each student member as a young adult. Each student is expected to be respectful of all team members and mentors. Respect means allowing others to fully express their ideas and a willingness to work together to accomplish tasks. It also means respecting the decision of the team as a whole even if you disagree with it. Respect also means taking care of the working environment, handling equipment with care, and putting tools away and cleaning up after yourself. Respect also means conducting yourself with professionalism. Students are required to adhere to all Mt. Everett High School Rules of Conduct at all times, whether on school grounds or off-campus at competitions.

Commitment. We participate in highly competitive tournaments; there is no time for lack of focus. There is a tremendous amount of information to learn and many skills our team members must quickly acquire in order to have a successful season. Students must have an excellent attendance record at meetings and competitions, but more than this, they must strive to achieve real results at each meeting.

Leadership. A unique feature of this club is that it is student-led. Students are to build and program the robot along with 3D design and produce public relations materials. Different student will lead in a variety of capacities from programming to building to engineering notebook to 3D design. However, students will not necessarily be told what to do at each meeting; rather, they are expected to figure out together what needs to be done with guidance from the mentors. Students are to prioritize and divide the tasks amongst themselves. In addition, experienced team members are expected to help train and mentor new students, so that there is a continuous sharing of team knowledge from one year to the next.

Attendance: It is essential that all students attend team meetings/build sessions from 3:00-4:30. ***There will be no other times that the robot is available. The only exceptions are for those members in the Robotics 2 class or special team sessions as competitions approach.*** Ideally, students will arrange their after-school schedules to allow for regular attendance. Students need to inform Mr. Thompson of their absence prior to the team session. Poor attendance negatively affects the whole team's progress, and students with poor attendance histories (less than 80%) will be ineligible to participate in the tournaments. The only exception is missing sessions due to other school-related activities such as theater, band, or sports.

Cell Phones/Tablets/Laptops. Personal device use during team meetings is prohibited. The only permissible use is communicating with a parent. If a student has "down time" waiting for another team member to complete a task, they should either work on other team-related activities or homework.

Food. Food and drink consumption is allowed within reason, but cleanup is the responsibility of each student, and food or drinks should not be consumed near equipment, computers, or other places where it may present a hazard or cause damage.

Team Member Signature

Date

Team Member Parent Signature

Date

Mt. Everett Robotics Parent Agreement

Please initial your agreement to each item:

_____ I give permission for my child to participate in Mt. Everett's after-school VEX Robotics team.

_____ I understand my child's continued participation in this program is dependent on his or her commitment, attitude, and willingness to learn and work with others.

_____ I agree to make every effort to have my child attend every VEX Robotics meeting and the Competition. If there is a conflict, my child or I will notify the coach.

_____ I grant permission to use photographs or videos of my participant child in print or online materials designed for news, informational or educational purposes related to the VEX Robotics program.

_____ I agree to be responsible for any damage done by my child, accidentally or purposefully, during any competition or team session.

Parent's Name (print): _____

Parent's Phone: _____

Cell: _____

Email: _____

Mt. Everett VEX Robotics Team Application Rubric: 2017-2018

Aspect	4	3	2	1	0
Coursework	A – High Honor Roll	A/B Honor Roll	A’s, B’s, and 1 C	A’s, B’s, and 2 C’s	Grades lower than as described in “1”.
Disciplinary Violations	No disciplinary violations of any kind.	1 disciplinary infraction.	2 disciplinary infractions.	3 disciplinary infractions.	More than 3 discipline infractions
Team/Group/Club Experience	Experience in several (3+) teams / groups / clubs with leadership role in at least one.	Experience in a few (1-2) teams / groups / clubs with leadership role in at least one.	Experience in several (3+) teams / groups / clubs.	Experience in a few (1-2) teams / groups / clubs.	No experience in teams / groups / clubs.
Technical Skills	Extensive experience with FTC, VEX or LEGO hardware & Robot C software & a demonstrated ability to solve problems.	Extensive experience with FTC, VEX or LEGO hardware OR Robot C software - OR- demonstrated ability to solve problems.	Some experience with FTC, VEX or LEGO hardware and Robot C software.	Some experience with building FTC, VEX or LEGO.	No significant technical skills are identified.
Interpersonal Skills	Student exhibits integrity, is respectful to peers and adults, is helpful to peers and adults, is kind to peers and adults.	Student lacks one item mentioned under “4”.	Student lacks two items mentioned under “4”.	Student lacks three items mentioned under “4”.	Student lacks all items mentioned under “4”.
Prerequisites	Has taken classes: ROBOTICS 1 & ROBOTICS 2	Has taken class: ROBOTICS 1	Has not taken courses, but participated on prior VEX or FTC teams.	Has not taken courses, but participated on prior FIRST Lego teams.	Has not taken any robotics classes nor participated in the past
Teacher Recommendations	Feedback from teachers is exemplary.	Feedback from teachers is very good.	Feedback from teachers is good.	Feedback from teachers is average.	Feedback from teachers is negative.

Notes:

1. In order to be considered, the application must be received by the deadline.
2. In order to be considered, both the student and parent agreements on the application must be signed.
3. If any portion of this application is found to be untruthful, the applicant will not be considered.
4. If any portion of this application is found to be untruthful after the applicant has been accepted, the applicant will be removed from the team.

Mt. Everett Robotics Student Application

Name: _____

Grade: _____

1. Do you have any experience with robotics? Circle one: **YES** **NO**. If Yes, Explain:
2. Please describe your experiences and skills that would be of relevance to the VEX team, e.g., design experience, skill with tools, programming experience, graphic art experience, etc.
3. Please describe why you are interested in joining the VEX robotics team and what you would hope to achieve as a team member.
4. VEX's mission is to create "a world where every student has the opportunity to be inspired by the excitement of hands-on STEM learning and knows the feeling of creating something with technology." In a team with 1 robot, how would you make sure everyone has a chance to create something?
5. Are you also interested in participating on the CyberPatriot Team? Circle one: **YES** **NO**. (Participating in this program may mean an extra day of after-school work for an hour)

Teacher Recommendation

(Teachers: The results of this form are kept in strict confidence. Please return this form directly to Mr. Thompson. Thank you for your support of Mt. Everett Robotics)

Name of student being recommended:

Name of person completing recommendation:

How long have you known the applicant?

Rank the student in each of the following areas (1 for the weakest, 5 for the strongest):

Responsibility	1	2	3	4	5
Work Ethic	1	2	3	4	5
Dedication	1	2	3	4	5
Self-Motivation	1	2	3	4	5
Honesty	1	2	3	4	5
Involvement	1	2	3	4	5
Helpfulness	1	2	3	4	5

Would you consider this student a good candidate for the VEX Robotics Team?

(**yes / no**) Why or why not? _____

Other comments: