The St. Mark Robotics Club will be fielding a team for the 2019-2020 First Tech Challenge (FTC)! What is FTC?

FIRST Tech Challenge teams are challenged to design, build, program, and operate robots to play a floor game in an alliance format. Students participation spans multiple disciplines, from artistic design to building and<https://premierscreenprinting.tuosystems.com/stores/stmarksfall2019> programming. FTC robots are designed by team members, built from metal/plastic components (not legos), programmed in Java, and controlled with Android phones. Most of our competitors will be high school teams with significant experience. In the past, our FTC robotics team has made it to semifinals of the state competition. For more info: <http://www.firstinspires.org/robotics/ftc>

Our FTC team, coached by Stefan Allen and Zack Barthel, will be comprised of 8-10 students from the 7th and 8th classes of the 2019-20 school year. **Team membership is a significant commitment**. The season goes from the start of the school year until the competitions in December through February. Team meetings during the season will be once a week for 1.5 hours Monday evenings at St. Mark, and will increase to twice a week closer to the competitions. Dues will be $75. Team member expectations are:

1. During competition period (December-February), The FTC Team will take priority over other extra-curricular/sport activities.
2. Attend at least 90% of team meetings.
3. Conduct 1-2 hours a week of research/documentation/outreach a week beyond the team meetings.
4. This is a student-run team, team members will work on all aspects of the challenge. The coaches/mentors will facilitate, but ultimate responsibilities lie with the team members.
5. Students must have an overall B average in Social Studies, Language Arts and Religion with a trimester grade of B or higher in Math and Science.
6. A short essay will be written by each interested student in school during lunch/recess after all applications have been received.
7. Students must have an exemplar discipline record with no detentions.

If you are interested, please fill out the form and return to the school office labeled Robotics Club. Students will be selected by the administration based on their interest areas, academic achievement, discipline record, and short essay. We are very interested in parents helping out as coaches/mentors/volunteers! Please return forms by Sept. 9th.

Student Name:­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2019-20 Grade:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Home Phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent e-mail:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student E-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please select 2 interest areas:

☐Strategy ☐Mechanical Design ☐Artistic Design

☐Programming ☐Robot Driving ☐Team/Project Management

Parent Interest: ☐Coach ☐Programming/Mechanical ☐Team Coordination