

FLL Robotics @ St. Albert's Jr. High

APPLICATION DUE DATE: FRIDAY, JUNE 19, 2020

2021 Season FIRST® GAME CHANGERS Powered by *Star Wars: Force for Change*

You didn't enter the field just to play. You came to turn tables.
To redefine, to revolutionize, to change the way the game is played.

NOW is your time.

It's time for us to revolutionize the way we play and move.

It's time to be GAME CHANGERS.

FIRST® LEGO® League Challenge RePLAYSM

Official release date is August 4, 2020.

St. Albert's Jr. High is very excited to offer FIRST LEGO League Robotics as an elective again this 2020-2021 school year! **FIRST LEGO League (FLL)** introduces students to real-world engineering challenges by building LEGO-based robots to complete tasks on a thematic playing surface. FLL teams, guided by their imaginations and adult coaches and parents, discover exciting career possibilities and, through the process, learn to make positive contributions to society.

Participating FLL students get to:

- Design, build, and program robots using LEGO MINDSTORMS technology.
- Apply real-world math and science concepts.
- Research challenges facing today's scientists.
- Create solutions to problems outlined in the challenge.
- Learn critical thinking, team-building, and presentation skills.
- Become involved in their local and global community.
- Participate in tournaments and celebrations.

More information about FIRST LEGO League can be found at www.firstinspires.org.

St. Albert's 2020-2021 Season Info:

August 2020 – January 2021 (April/May 2021 if we move on)

- Each FLL team will have a maximum of 5-6 student participants. At this point, we have the resources to support three teams.
- Students will meet during the elective block on Tuesdays. Each team will also meet one day after school each week until 5:30 pm. This will likely be on Tuesdays, but meeting times will not be finalized until all teams, coaches and mentors have been determined.
- Students and parents must commit to attending occasional weekend meetings during the second half of the season, Saturday OR Sunday. This will be discussed further when coaches and mentors have been determined.

- Additional after school meetings may be required during the week prior to competitions.
- Student selection and team placement is based on application, prior experience, interview, 2019-2020 report card (academic and conduct), student commitment and parent willingness to assist. Student's application does NOT guarantee a spot on a team.
- Selected students must maintain a C or better in all classes during the robotics season in order to be eligible to participate. Weekly grade checks will occur during the season.

Student Commitment:

FLL is for students who are excited about science and technology and want to get involved with new challenges. Students must be willing to commit to a competitive team and are expected to take their responsibility to the team seriously. Whether working on the robot, creating a presentation or leading the team cheer - all jobs and assignments are important and absolutely necessary for the success of the team.

Parent/Family Commitment:

Coaches/Mentors/Volunteers - We need you! FLL encourages parents and family members to participate at various levels. This is a hands-on, project-based program that requires active participation by both students and parents. Parent support was a crucial part of our success in the past and it is expected that ALL parents will assist as needed. Please contact Ms. Johnson if you or someone you know is interested in coaching or mentoring a team. Each team must have two coaches in order to compete.

Mandatory Events:

- Scrimmage -- Saturday morning in mid-November 2020
- PTO Meeting at St. Albert's (Team Project Presentations) -- Tues, Nov 17, 2020 @ 6:30 PM
- Qualifier -- first or second Saturday in December 2020 @ 7:30 AM - 4:30 PM
- Championship (if we qualify) -- Saturday at the end of January 2021 @ 7:30 AM - 5:00 PM

****The events listed above are mandatory for all team members.***

**Official dates have not been released; I have approximated based on past years' schedules*

**Additional info and updates will follow!*

Cost:

- \$100 per team member.
- Cost breakdown will be discussed at the first parent meeting.
- Business / Family Sponsors - \$150 to help purchase team shirts with your logo on the back!

Next Steps:

- **All interested students need to fill out an online application. Use this link:**
<https://forms.gle/whLezRXQYeskJoYw9>
- **APPLICATIONS ARE TO BE FILLED OUT BY THE STUDENT ONLY.**
- **APPLICATIONS ARE DUE BY FRIDAY, JUNE 19, 2020.**
- Interviews will be scheduled in August, before school starts. Families will be notified of team placement prior to the first day of school.
- Please email Ms. Johnson with any questions: sjohnson@stalbertreno.org