



FIRST LEGO LEAGUE (FLL)

Frank P. Long Intermediate School is starting a FLL Program. FLL is a Lego based robotics tournament, where students need to solve a series of complicated “missions” with the help of a robot.

Children are immersed in real-world science and technology challenges. Teams research and design their own solution to a current scientific question or problem. In the process, they also build, program, and test a small autonomous robot using LEGO MINDSTORMS technology. The FLL teams take the opportunity to experience all steps of a real product development process: solving a problem under time and pressure with limited resources.

A team, according to FLL standards and policy, has a maximum of 10 students that will strategize, assemble, and program a LEGO MINDSTORMS robot, then have it perform tasks on a themed table-top playing field.



Themed Table-Top Playing Field



First Lego League Tournaments



Lego Mindstorms Robot



If you are interested in being part of the First Lego League Program at Frank P. Long Intermediate School, please be sure read the following:

- If chosen to be a member of our school's FIRST LEGO League (FLL) Lego Robotics Team, attendance for afterschool team meetings during the fall and spring of the 2018-2019 school year are important. It is expected that you attend as much as possible. Team members will meet once to twice a week depending on various goals that may come up. Meeting days will be **Tuesday** and/or **Thursday**.
- Students must maintain satisfactory behavior and academic grades in order to be eligible to participate in the FLL program. Being courteous and cooperative are extremely important with being part of this team. Behaving in a way that will endanger the safety of themselves, team members, robotics equipment, or computer equipment is not acceptable.

Student Name _____ Parent Signature _____

Teachers Name: _____ Grade you are currently in: **4** or **5**

Please answer these questions:

1. Why do you want to join the LEGO League Robotics Club at FPL? Also, what do you think may be the most enjoyable part of being on this team?

2. What qualities or skills do you have that would make you a good team member? *First Lego League is about more than robots and Legos. You may have to research, solve a real-world problem, possibly present ideas in front of people, and work as part of a team. (Answer does not have to be robotics or computer related.)*

