**Unity School’s *FIRST*® LEGO® League Team** 

Unity School’s **Robotics Team** offers an opportunity for students to get hands on experience programming robots and creating innovative projects to compete in the ***FIRST®* LEGO® League** competition (<http://firstlegoleague.org>)

We are looking for motivated and team-oriented students interested in taking their Robotics skills to the next level. FLL teams compete on three fronts:

1. **Robot Game** – design, build and program a robot to autonomously complete a series of missions around this year’s theme: “City Shaper” (<http://www.firstlegoleague.org/challenge>)
2. **Project** – identify a problem, research/develop an innovative solution, and create an entertaining presentation of your work
3. **Core Value**s – demonstrate teamwork and the other FLL Core Values (<http://www.firstlegoleague.org/mission/corevalues>)

The club will initially meet **before school Tuesdays and Wednesdays from** 

**7:30 a.m. to 8:15 a.m**. Additional meetings may be added as needed as the season progresses.

The club will run as long as a team is in contention; December for the Regional Qualifier, or January for the State Semi-finals and State Championships.

Here are some things to keep in mind if you are considering applying to be on the Robotics Team for Unity School:

* FLL’s Core Values (<http://firstlegoleague.org/mission/corevalues>) stress teamwork, so you must be committed to work with others to find compromise and be able to give and receive positive/constructive feedback as your team develops their solutions – you must be a **team player**
* Your ability to work hard as part of a team to complete whatever task needs to be addressed is essential – you must be **flexible**
* Regular attendance at the club is vital – you must be **reliable**
* Some work outside of club hours will be required (research, preparation, competitions) – you must be **committed**
* You will be expected to bring some skills to the team in at least one of the competition areas– you must be **experienced**
* Students do all the work at FLL, so you will be expected to multi-task and take on responsibilities outside of your comfort zone – you must be willing to **grow**
* You will be representing your school at the club and competitions, so your behavior must be exemplary at all times – you must be **mature**

If this sounds like a challenge you are prepared to take on, please work with your parent/guardian and teachers to **complete this application by Tuesday, September 24, 2019, and return it to Mrs. Hassan**.

If you have any questions, please contact your FLL Teacher-Coaches,

Mrs. Hassan, at mhassan@unityschool.com or Mrs. Charles, at ncharles@unityschool.com.

**Application Form**

***FIRST*® LEGO® League Team, 2019-2020**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Age \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Home Phone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ School and grade\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Thank you for your interest in the FIRST Lego League 2019-2020 edition.

Selection will be based on your written responses to the following topics.

The ***Required Responses*** listed below must be completed by all applicants.

Additionally, choose at least two of the ***Selected Response*** topics below and respond to those also.

Give as much detail as possible (you may present these as the body paragraphs in a five-paragraph essay).

***Required Responses:***

The FLL team will work on three fronts; The Robot Game, Core Values, and the Project. Explain how your experience in these areas would enable you to contribute to the team, and which would be your area of strongest contribution.

Are you willing to work outside of class, after school and /or weekends to make sure the team is successful? Explain if there is time in your busy life to dedicate extra time to this event.

***Selected Responses*: (respond to at least two of the topics below)**

Describe a time you were part of a team. Use details to explain how the event began, how you were part of it and include whether or not you felt it was a positive experience.

Do you consider yourself a punctual person? Give examples of how in your life you work to be on time.

Give examples of times you have needed to multi-task while working on one or more events or projects.

Give examples of times you have taken on responsibilities to work on things outside your comfort zone. Detail the circumstances and how the experiences turned out.

Where do you see yourself in a group? Are you a leader or more of a worker bee? Explain.

Explain what you feel to be the most important attributes of a good team member.

What kind of student would your teacher(s) say you are?

**Application Submission Checklist**

\_\_\_ This Application Page

\_\_\_ Written Responses (Not Required for Returning FLL Participants)

\_\_\_ Signed Parent Permission Page

**Parent Information**

**First Lego League Team, 2019-2020**

Special words for Parents…

With your child as part of the FLL (<http://www.firstlegoleague.org/>) team, your role of support to the team is critical. There may be times that inconvenience and conflict arise with respect to meeting team needs. You are asked to be patient, supportive and encouraging as these situations arise. Throughout the FLL season, we strive to stress the FLL Core Values:

* We are a team.
* We do the work to find solutions with guidance from our coaches and mentors.
* We know our coaches and mentors don't have all the answers; we learn together.
* We honor the spirit of friendly competition.
* What we discover is more important than what we win.
* We share our experiences with others.
* We display [Gracious Professionalism™ and Coopertition™](http://www.usfirst.org/aboutus/gracious-professionalism) in everything we do.
* We have FUN!

In addition to being the team’s number one cheerleaders, you will have the opportunity to:

√ Assist during club meetings

√ Host the team on evenings or weekends as they work to meet deadlines

√ Assist with transportation as needed

√ Stay informed with the team’s progress and offer suggestions you feel may assist them
√ Assist with mock judging of presentations

√ Be the parent liaison between the coach/team and the other parents

√ And….. just be there when the needs arise

Parent involvement is so important that it should be thought of as “the team that helps the team.”

Please feel free to help your child understand the details of the application, particularly the Required and Selected Responses.

Be sure to review and complete the Parent Permission form as part of the application.

**Parent Permission Form**

I (Please Print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_voluntarily give my permission for my

child, (Please Print) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to participate in the FLL Robotics Program, to begin in October of 2019. I have read the application packet and understand and agree with the information, goals set forward, and the responsibilities regarding both me and my child.

\_\_\_\_\_ I realize that it is multi-day per week program, at least through January and possibly longer. Other than illness or a family emergency, I will be sure my child is there each day.

\_\_\_\_\_ I am aware that the program will take place at Unity School. I will be responsible for my child’s transportation home, and agree to pick him/her up on time.

\_\_\_\_\_ As outlined in the application, I will work with the program and my child to instill the FLL Core Values

\_\_\_\_\_ I assure that my child will be available for competitions (as needed) that take place during the competition season.

\_\_\_\_\_ I agree, in the proper spirit of LEGO League, not to interfere with the team’s solutions. All creations, inventions, ideas, must come from the team members.

\_\_\_\_\_ I agree to make every effort to have my child attend every team meeting. If there is a conflict, either my child or I will notify the coach as soon as possible. I understand that my child has a commitment to his/her team.

\_\_\_\_\_ I realize that my child’s coach will be contributing a significant amount of time and effort to provide a rewarding experience for the team. I will be cooperative and helpful to coaches and FLL volunteers.

\_\_\_\_\_ I agree to discuss all items in the student contract with my child.

\_\_\_\_\_ (For FLL tournaments only) I agree to assume responsibility for transporting my student to and from FLL regional events including the regional robotics competition in Central/South Florida.

 \_\_\_\_\_ I agree to pay the enrichment fee of$500 which will cover sessions from October 1 - January 24, usage of kits, and registration for LEGO League. I understand this fee does not include additional costs of competitions.

\_\_\_\_\_I understand that if our team wins the qualifying competition that we will pursue local, state, and possibly national level competitions. This will extend the course time after January which will incur additional costs.

Signature of parent: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_ /\_\_\_\_\_ /\_\_\_\_\_