

May 29, 2018



Dear Prospective *FIRST* LEGO League Team Member and Guardians,

FIRST LEGO League is an international engineering competition sponsored by the non-profit organization *FIRST*, For Inspiration in Research and Technology. Teams consisting of no more than ten team members compete in tournaments worldwide, designing and programming an NXT or EV3 Mindstorms robot to manipulate LEGO models on a 4'x8' map, and creating an innovative solution to a real engineering problem of their choice.

FLL emphasizes friendly competition, teamwork, creative problem solving, and Gracious Professionalism® through the FLL Core Values. Teams are encouraged to compete in a cooperative manner, helping to build up other teams while striving to put on their very best performance; FLL values this “Cooperation”® immensely and a team’s demonstration of these values are included in their total score at competition.

All prospective team members must fill out an application form to indicate commitment. Each team can have up to ten participants (ages 9-14) at competition. The Bache team will have 8-10 students picked by lottery. There will be a lot of work to do in a short time frame. Therefore, team members will be required to meet up to two times a week (schedule TBD) from 3:05 until 4:30. Families are responsible for determining how their student will get home at the end of the day. Please take your time commitments into consideration when applying for the team. It is a big, but worthwhile, commitment!

**A LOTTERY WILL BE HELD IF THERE ARE MORE THAN 10 APPLICANTS!!!!
STUDENTS WITH PAST EXPERIENCE ARE NOT GUARANTEED A SPOT THIS YEAR.**

We are looking forward to a great season of engineering with you!

Sincerely,

Mrs. Charlotte McCracken
Bache-Martin FLL Coach
cmccracken@philasd.org

Mr. Michael Hennigan
Bache-Martin FLL Coach
mhennigan@philasd.org

Mrs. Jen Malloy
Bache-Martin FLL Assistant
Jmalloy@philasd.org



Bache – Martin FLL Expectations

National FLL <http://www.firstlegoleague.org>

The University of Pennsylvania FLL

<https://alliance.seas.upenn.edu/~pennfll/wiki/index.php?n=PennFLL.PennFLL>

1. Students are expected to attend all meetings. If a student must miss a meeting, Mrs. McCracken (cmccracken@philasd.org) or Mr. Hennigan (mhennigan@philasd.org) should be informed of such an absence as soon as possible. **Missing too many meetings or meetings with unexcused absences could jeopardize a team member's standing on the team. Late pickups will also jeopardize a team member's standing on the team. Practice will be over at 4:30 on scheduled days.**
2. Students are expected to follow and practice the FLL Core Values during all FLL sessions. In competitions students are judged heavily on their interactions using the Core Values. (<http://www.firstlegoleague.org/mission/corevalues>) A student failing to practice the Core Values could jeopardize his/her standing on the team.
3. Meetings will be held as follows during FLL season (TENTATIVE SCHEDULE)
 - a. Days and times TBD
4. The Fall 2018 FLL season is relatively short considering the amount of work to be done.
 - a. A kick off event in September at UPENN GRASPLAB
 - b. A scrimmage event in late November. Date and place to be determined.
 - c. An FLL Qualifying event in January, Date and place to be determined.
5. Although students may work on one particular mission or field more than another, ALL team members are expected to know about all aspects of FLL. Competition requires that ALL team members be able to competently answer questions regarding all FLL areas.
6. Adhere to a code of conduct. Students who are not able to demonstrate the FLL CORE VALUES and Bache-Martin's code of conduct will be removed from the team.

**Bache-Martin School *FIRST* LEGO League
Application for Fall 2018 Season**

Name: _____ Homeroom Teacher: _____

Please circle one on each line: (teams to be balanced based on the following):

1. Grade: 4th 5th 6th 7th 8th
2. Male or Female
3. FLL experience or No FLL experience

If you answered 'FLL experience' in #3, please state your experience here:

Explain, in a few sentences, why you would like to be part of the Bache Martin FLL team.

Extra-curricular activities in which you plan to participate during Fall 2018. Please include school sports, gym/park sports, after school activities both on and off campus including Scouts, dance, church groups, etc. _____

Do you feel your extra-curricular activities would interfere on scheduled practice days from 3:05 – 4:30? If yes, please explain. _____

ALL members will participate in ALL aspects of the FLL preparation. ALL members attending the qualifying and competition will participate in ALL aspects of FLL experience. Even knowing this, please rank, in order, your interest in each area with 1 being the most interest, 2 being moderate interest, and 3 being the least amount of interest. (You must have a 1, 2, and 3.)

_____ Mechanical (building robot)

_____ Programmer (computer programming the robot)

_____ Researcher (researching the problem, solution, and finding/interviewing the experts)

Bache - Martin FLL AGREEMENT

A successful team depends on the commitment of all of its team members. Applicants, please initial next to each of these statements to indicate your agreement.

_____ I will support my team by attending every team meeting I possibly can. I will let the coach know if I must miss one.

_____ I will support my team by working on project and mission assignments outside of team meeting times.

_____ I will both contribute my ideas and listen to the ideas of others at meetings. I will show respect for the ideas of other team members.

_____ I will make a commitment to attend the qualifying competition.

_____ I will make a commitment to attend the regional competition for my team if we qualify.

_____ I will use all of the team meeting time productively.

_____ I will show respect and Gracious Professionalism® in all of my activities.

_____ I will follow the Core Values required by FLL.

_____ With my team I will give my best effort to solve challenging problems. I will cooperate with the team in finding a solution and carrying it out.

_____ My team is responsible for creating all of the materials for the problem, solution, and presentation, and doing all of the programming and building for the robotics.

Applicant's signature _____ Date _____

Printed Applicant's name _____

A successful team depends also on appropriate parental support. Guardians, please initial next to each of these statements to indicate your agreement.

_____ I agree, in the proper spirit of FLL, not to interfere with the team's solutions. All creations, inventions, and 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 agree to discuss all items listed above with my child.

Guardian's signature _____ Date _____