

Dear Parents,

September 19, 2016

Thank you so much for your interest in having your child participate in JMS's Robotics Team! I hope this letter will provide you with sufficient information regarding the team, but if you have any further questions, please email me.

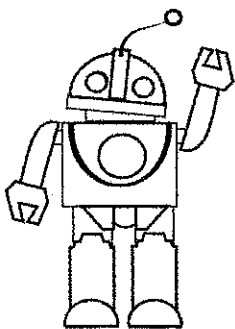
What is Lego Robotics Team? Students work on a challenge set by First Lego League. The challenge consists of three different parts NOT ONLY ROBOTICS. Students **build** an autonomous robot from LEGOS and **program** the robot to complete an obstacle course which they then compete against other teams, **research**, and **present thier solutions to judges**. Team members can have various responsibilities within the team besides building and programming. Team members may also plan meetings, design t-shirts, fundraise, and be our public speaker to name a few of the roles within the team. For more information regarding FIRST LEGO LEAGUE please visit: <http://www.firstlegoleague.org>

The competitions consists of three different parts, each part is weighed equally.:

1. ($\frac{1}{3}$ of score)- **The Project:** students must address a problem and engineer a solution. To showcase their solution, the team will create a presentation to present to judges at the competitions. The purpose of this portion of the competition is for students to highlight their creativity, research skills, presenting skills, and public speaking skills.
2. ($\frac{1}{3}$ of score)- **The Core Values:** team members will together on short challenge created by the judges at the competitions. The purpose of this part is for students to demonstrate their collaboration skills and their ability to work together under pressure.
3. ($\frac{1}{3}$ of score)- **The Robot Game:** Team members must build, program, and execute a series of "missions" on the current mat. In addition, students must also explain their program for judges and rationalize their choices.

When and where do we meet? The team meets Tuesdays in room 15 from 315-5pm to organize building and program the robot as well as working on the project portion of the competition. The competitions are typically on Saturdays 8am-1pm depending on the event.

Competitions: For the competition, the team will need parent volunteers to drive the team members (and the robot) to competition, and help with organizing the team. Teams are allowed to register for 1 qualifying tournament, after which teams must qualify.



Team Fee: In order to provide teams with funds to register into competitions as well as to maintain robots, we ask for each team member to contribute a **\$70.00 donation**, but more is welcomed.

Volunteers are also welcomed to guide and help team members after school. If you have any other questions, please email Ms. Merlos merlos-mojica.zobeida@tUSD.org

Sincerely,
Ms. Merlos

**Robotics at Jefferson Middle School:
Member Application**

F.L.L is First Lego League where the school team builds a robot that is meant to be autonomous during the challenges that the First Company has made. During the competitions, the team needs multiple skills but a max of ten people that can be the representatives of the team. When building, the team must troubleshoot, work together efficiently, and members must be consistently present at meeting for the robot to be completed. For competitions, transportation will be needed, and if something goes wrong team members will demonstrate gracious professionalism. Meetings are held on Tuesdays 315-5pm

THE SELECTION PROCESS:

Students interested in joining the JMS Robotics Team will complete the following steps:

1. Complete and submit application by **Friday September 23, 2016** to MS. Merlos, Room 15
2. Attend the team try-outs on Tuesday September 27th from 3pm to 5pm
3. New team members will be notified on Wednesday September 28th.

Please answer each question truthfully, one or more of each of the following abilities are needed to complete the robot for the upcoming year.

**What makes you a possible candidate to be a contributive and active member of the team?
(Please check one or more of the following):**

- _____:Planning
_____:Writing(fast and neat)
_____:Engineering(builds)
_____:Programing(Lego Mindstorms)
_____:Public Speaking
_____:Photographer
_____:Organizer(can keep groups organized)

Please explain why you are each of the following you have checked(give real life examples) - Please write your explanation in the back of this application.

Student Signature: _____

Print: _____

Parent Signature: _____

Print: _____

Date: _____

If you have questions, please talk to Ms. Merlos Room 15, or email at merlos-mojica.zobeida@tusd.org.