

Mitchell Robotics

FIRST LEGO League 2018-2019

Applications are being accepted for the FIRST LEGO League (FLL) at Mitchell Intermediate School for the 2018-2019 season. FLL is a non-profit organization devoted to helping young people ages 9-14, discover and develop a passion for science, technology, engineering and math. Participants will learn how to master skills and concepts to aid in learning science and technology through innovative projects, teamwork and robotics competitions while gaining valuable career and life skills. For more general information about FLL please visit their website at www.firstlegoleague.org.

The Mitchell team(s) this year will be directed by Mrs. McLean. The season will run from August to late January. The teams will meet from 2-6 hours a week. Depending on the team, students may meet after school for two hours, one to two days a week or possibly on the weekend. The competitions will take place on Saturdays. All team members must commit to participating. The teams will compete in a regional qualifier and possibly a regional competition. In order to keep costs low, students will need to have plans for their own transportation to competitions; transportation will not be provided.

There is a \$100.00 fee involved with being part of Mitchell Robotics. The fee covers the cost of team registration, batteries, field kits, and EV3 Bot parts. This fee will not be reimbursed to students who choose to drop out or asked to leave for behavioral reasons.

Participants will also be responsible for providing snacks for the team. A snack schedule will be created. Each team member will be responsible for providing snacks 1-2 times throughout the season for their team. Teams will also decide on a team shirt that will be purchased separately with the team.

Projected Timeline	
05/07/18	Applications available online (Mitchell Intermediate Homepage)
08/31/18	All Three Parts of the Application are due Friday, August 31, by 4:00 PM to the Mitchell Front Office in a large envelope. (incomplete or late applications will not be considered)
09/05/18	Team members notified of their acceptance via email.
09/7/18	First meeting at 4:00 PM in the Commons registration fee due \$100.00
Weekly August-Jan.	Students need to be prepared to meet before or after school for at least a two hour period weekly. Days and time will depend on team placement and coach availability.
NOV TBD	Regional Qualifier (usually second weekend)
DEC TBD	Regional Competition (usually second weekend)

Competition Scoring	
Project Research and Solution	25%
Robot design and programming	25%
Robot Game Missions	25%
Team work challenge	25%

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Contact Information
Student's Name: _____ LC#: _____
Parent email address: _____
Parent/ Guardian Name(s): _____
Primary Phone Number: _____
Current Science Teacher: _____ (we will ask for recommendations)
Have you ever been on a FIRST LEGO League team? <input type="radio"/> Yes <input type="radio"/> No
If so, when and where? _____
Have you ever received robotics training? <input type="radio"/> Yes <input type="radio"/> No
If so, when and where? _____

ONLY circle days and times in which you **WOULD** be available to meet. If you are involved in other activities this may limit your availability for placement.

(For Team Placement Purposes)

*** Teams may meet on campus or alternate location determined by coaches.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
4-6PM	4-6PM	4-6PM	4-6PM	4-6PM	AM or PM	AM or PM

PART ONE	Applicant Questionnaire					
Do you enjoy problem solving challenges?	Yes		Sometimes, depending on the task		Rarely	
When you have a good idea, how do you communicate it?	I tell everyone		I put together my ideas and present them to friends and family		I save my idea for the right time	
Which roles interest you?	Team planner	Team recorder	Team researcher	Team engineer	Team programmer	Team cheerleader
Have you programmed or built with EV3 Mindstorms Legos?	No, but I am interested		Yes, one time		Yes, I have made several different robots and programmed them	
On a scale from 1-5, (5 being great, I am almost a pro) rate your skill with computers.	1	2	3	4	5	1 - I really don't use computers 2 - I have used them, but I don't know a lot. YES NO

PART TWO	Assignment
This year's project challenge is titled, "Into Orbit" Visit the FLL website and learn about this year's challenge. http://www.firstinspires.org/robotics/fll Research and attach a news article or journal article that interests you that may be related to the "Into Orbit" challenge. The full challenge will be released August 1, 2018 @ 12:00PM.	

