



Vashon PTSA FIRST Lego League Robotics 2014-2015 Season Sign-Up

FLL (First Lego League) is an exciting and fun global competitive robotics program that is designed to ignite an enthusiasm for discovery, science, and technology for ages 9 to 14. Each year FLL teams embark on an adventurous Challenge based on current, real-world issues. Guided by a team coach and assisted by mentors, the team members:

- Research and solve a real-world problem based on the 2014-2015 Challenge theme
- Give a presentation on their research and solutions
- Build an autonomous robot that plays a competitive game against other teams.

FLL offers an opportunity for engagement. Whether it is by creativity, technology, or research, FLL dares you to test, explore, expand, or completely change thoughts and approaches for different sciences each year.

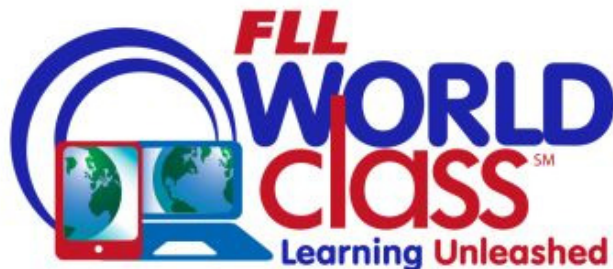
Theme for 2014-2015

What is the future of learning? *FIRST*[®] *LEGO*[®] League teams will find the answers. In the 2014 FLL WORLD CLASSSM Challenge, over 230,000 children ages 9 to 16 from over 70 countries will redesign how we gather knowledge and skills in the 21st century. Teams will teach adults about the ways that kids need and want to learn. Get ready for a whole new class – FLL WORLD CLASSSM!

FLL challenges kids to think like scientists and engineers. During FLL WORLD CLASSSM, teams will build, test, and program an autonomous robot using LEGO MINDSTORMS[®] to solve a set of missions in the Robot Game. They will also choose and

solve a real-world question in the Project. Throughout their experience, teams will operate under FLL's signature set of Core Values.

-See more at: <http://www.firstlegoleague.org>



Details

The Kick-Off meeting includes a parent informational meeting at the start is on September 13. All meetings will be on Saturdays from 9:00 to 12:00 starting September. There will be a break for Thanksgiving week and Christmas. Here is the 2014-2015 meeting schedule:

September – 13, 20, 27 October – 4, 11, 18, 25 November – 1, 8, 15, 22

December – 6, 13, 20 January – 3, 10, 17, 24

Teams will be formed with up to eight participants per team.

There is one Regional Competition (run by <http://www.firstwa.org/>) and the date has not bet set yet. If a team does well enough at the Regional they move on to the State competition, again date yet to be determined. (Previous years the State competition has been in the Bellevue area.)

The Competitions are an all-day affair starting around 8:30 and ending around 4:30. It is usually held at a school somewhere in Seattle. Participants are responsible for their own transportation to and from events.

All communication with parents/team members will be via email.

Parents take turns providing mid-meeting snacks. The schedule for snack will be organized sometime after the first meeting (need a volunteer).

This program is part of Vashon PTSA's support of STEM education in Vashon Schools.

To join just fill in the application below

Vashon PTSA/McMurray FIRST Lego League Robotics Sign-up

Student Name _____

Age _____ Student *must be age 9-14, but cannot be older than 14 years of age as of 1/1/2014. (For instance if a student turns age 15 on April 3, 2014 they can still participate because they were 14 as on 1/1/2014)*

Grade _____ School _____
(for 2014-2015 year)

I, the undersigned, hereby request that my (circle) son / daughter be permitted to participate in the Vashon PTSA McMurray First Lego League robotics program for the 2014-2015 season. In order to create a safe and respectful environment, I understand that my (our) child must follow program rules for behavior or will not be allowed to participate (Please see page 5). I hereby release and discharge Vashon PTSA its officers, agents acting officially, and volunteer members from any and all liability and/or claims resulting in injury associated with Student's participation in this activity. I certify the student participant is my (our) child. I (we) certify that to the best of my (our) knowledge that my (our) child is in good health. In case of illness or accident, permission is hereby granted for emergency treatment to be administered. It is further understood that the undersigned will assume full responsibility for any such action, including payment of costs. I (we) advise that the above named participant has had the following allergies, medicine reactions or unusual physical condition, which should be made known to a treating physician.

(If none, please write the word "none"): _____

1. **Parent/Guardian Signature** Print Name

Address Phone/Cell

2. **Parent/Guardian** Print Name

Address Phone/Cell

3. **Alternate Adult Contact** Print Name

Phone/Cell

4. **Email Addresses** Please list all email addresses to send to

Student Contract must also be filled out

Fee is \$95

Please make out checks payable to: "Vashon PTSA" and attach to this registration form. So we can track registrations please mail both to Bruce Johns, PO Box 1801, Vashon, WA 98070.

Volunteers Needed

Check here if you can help as a team coach or mentor; helping students during meetings with organization, keeping on task, etc. No previous experience required. Please indicate which dates you can help:

September – 13, 20, 27 October – 4, 11, 18, 25 November – 1, 8, 15, 22

December – 6, 13, 20 January – 3, 10, 17, 24

This is an all-volunteer program. We also need volunteers for:
Snack coordination, mentor/volunteer coordination, & project presentation lead for each team.

Please note how you can be contacted, phone/email:

Please check appropriate boxes below:

I will be bringing a laptop to meetings for my personal use.

I have a Lego Mindstorms set at home and will bring it to meetings for my personal use.

I have experience writing NXTg programs (circle one) None Some A lot

General Comments: _____

PTSA McMurray FIRST Lego League Robotics Behavior Rules & Student Contract

***All participants are expected to conduct themselves in accordance with
VISD/Harbor School Behavior Code of Conduct.***

This activity is PTSA Sponsored in conjunction with Vashon School District and is open to all middle school age students on Vashon. All meetings will be at Vashon High School on Saturdays from 9:00-12:00.

Goal: Introduce students to real-world engineering challenges by building LEGO-based robots to complete tasks on a thematic playing surface. Teams, guided by their imaginations and adult coaches, discover exciting career possibilities and, through the process, learn to make positive contributions to society. Students must do all the work themselves.

Gracious Professionalism is part of the ethos of *FIRST*. It's a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community.

With Gracious Professionalism, fierce competition and mutual gain are not separate notions. Gracious professionals learn and compete like crazy, but treat one another with respect and kindness in the process. They avoid treating anyone like losers. No chest thumping tough talk, but no sticky-sweet platitudes either. Knowledge, competition, and empathy are comfortably blended.

Be respectful to the adult volunteers, follow directions or you may be excused from the program.

No bullying. Use kind/good behavior. If you are rough or inappropriate during any activity you may be asked to leave that activity, and your parent will be called and you may be asked to leave the program.

If you are injured report it to a coach, your parents and if needed 9-1-1 will be called.

I have read and understand the above goal, Gracious Professionalism, and behavior rules and sign below to participate in this PTSA McMurray activity.

Participant
Signature: _____ Date: _____

Parent/Guardian Signature

Print Name