FIRST LEGO League Qualifier at Memorial High School

FIRST LEGO League (FLL) is a robotics competition for students ages 9-14. In fact, this competition is more than robots; it includes solving a problem affecting people, working as a team, and applying the engineering design process. These are critical skills for today's world!

Memorial High School runs the largest FLL Qualifying Event in Oklahoma with 59 teams in 2019! This year's event is on Saturday, November 23. We need many volunteers! Volunteer roles are described below.

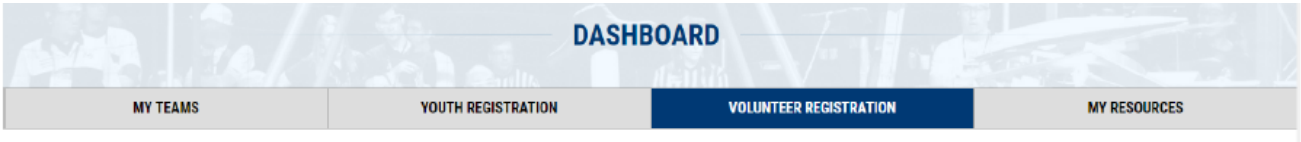
Judges observe the FIRST LEGO League (FLL) teams in one of three areas. Two to four Judges work together to evaluate 9-10 teams. They then deliberate with Judges of other teams to decide on awards. Judge teams have a rubric to guide them in their observations and decision-making process. The three areas of judging are Core Values (teamwork), robot design (including programming), and Projects (about improving community spaces this year).

Referees watch the robots perform and mark a score sheet of the completed actions.

Reference information is provided in advance for both judges and referees to help volunteers prepare.

We have an official site for you to sign up for the volunteer positions in which you are interested.

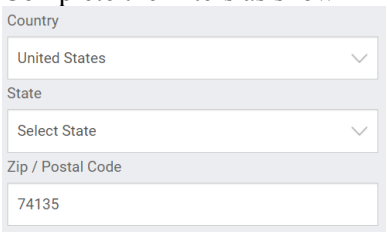
- Go to www.firstinspires.org.
- In the upper right corner, click on LOG IN or REGISTER for a new account.
- Once you have completed the sign up process, go to the VOLUNTEER REGISTRATION tab on the DASHBOARD.



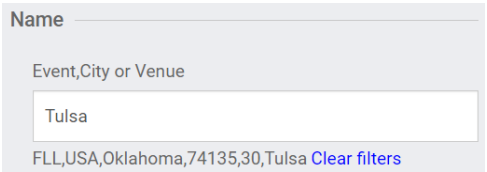
- Select

- Under Programs, select FLL.

- Complete the filters as shown

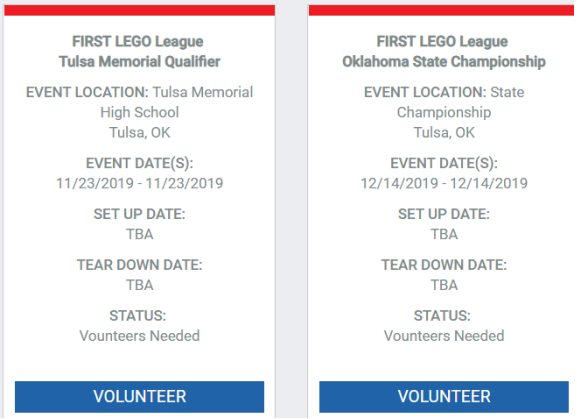


- Scroll down to Name and enter Tulsa.

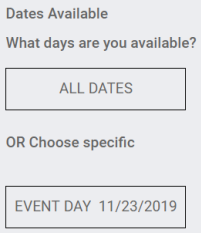


- Apply Filters.

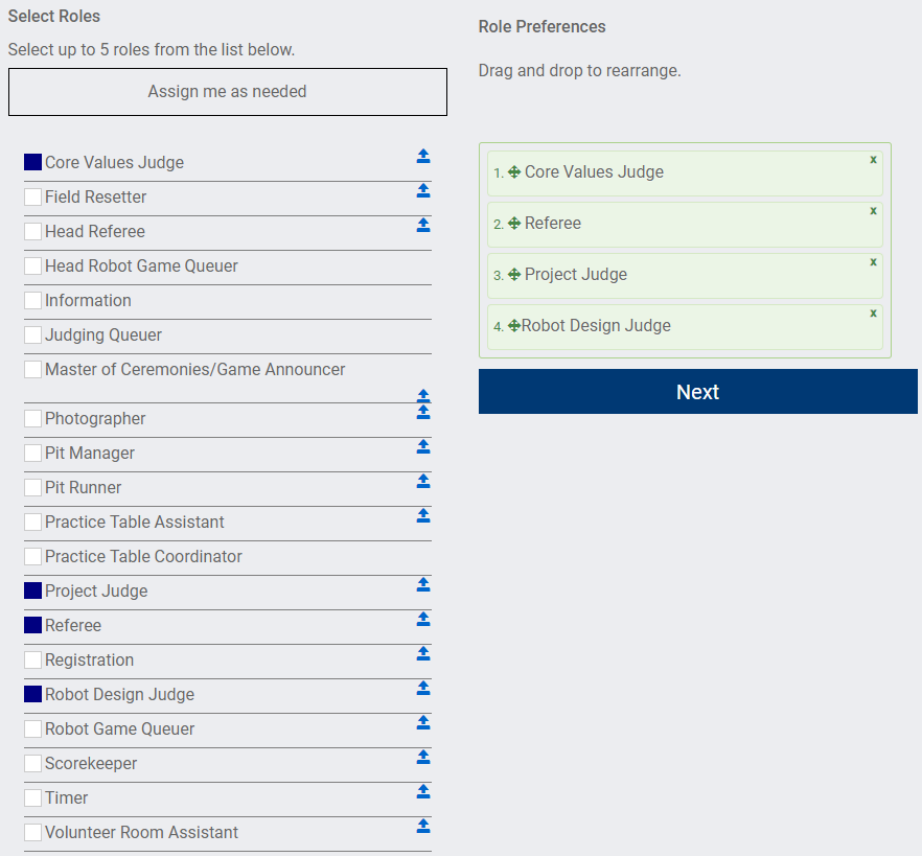
- Scroll back up to find the VOLUNTEER button for the FIRST LEGO League Tulsa Memorial Qualifier or the FIRST LEGO League Oklahoma State Championship. Click on the VOLUNTEER button. (To volunteer for both, select one, then go back through the process to select the other.)



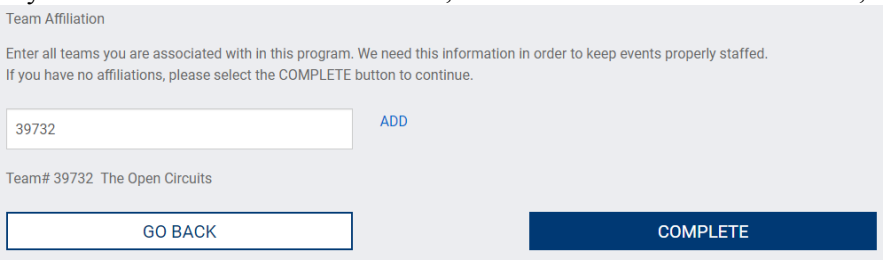
- Under Dates Available, click on either ALL DATES or EVENT DAY 11/23/2019. (They are the same thing for our event.)



- Scroll down to read all of the available roles. Choose up to 5 roles in which you are willing to volunteer. If needed, re-arrange to indicate your preference order. When satisfied with your selections, click Next.

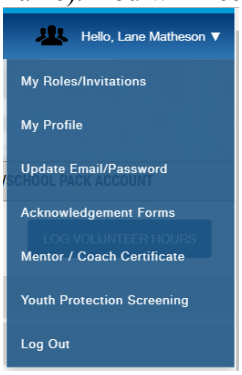


- If you are affiliated with an FLL team, enter the team number. Otherwise, select COMPLETE.



After completing these steps, check the upper right of your dashboard to see if you need to update any information.

If you are a new volunteer, you will have an indicator next to Youth Protection Screening (upper right under your name). You will need to complete this step to be placed into a volunteer position.



If you have any questions, please email me at frcteam932@gmail.com or mathela@tulsaschools.org. Thank you again for volunteering to help our local youth prepare for future careers in STEM!

Lane Matheson

Instructor, *AP Physics, & Engineering Robotics*
Director, *Tulsa Engineering Academy at Memorial (TEAM)*
Coach, *FIRST Robotics Team 932 - The Circuit Chargers*
Coach, *FLL Team 39732 – The Open Circuits*

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