

# FIRST LEGO LEAGUE (FLL) & JR. FLL

The University of Akron & Urban STEM Center Northeast Ohio District Tournament  
Saturday, December 14, 2019



FLL (4<sup>th</sup> – 8<sup>th</sup>) & Jr. FLL (K-3<sup>rd</sup>) is a multi-disciplinary program that combines engineering, computer programming, problem solving, researching, presenting and teamwork. Teams compete in a sports-like environment where spectators cheer their successes.

Teams are compiled of 6 to 10 students from Kindergarten to 8<sup>th</sup> grade where they will:

- build and program a robot,
- design a solution for a themed project (which changes each year)
- demonstrates their ability to work together as a team.

## WE NEED YOUR HELP!

This amazing event needs people like you. Training is available for all referees and judges. Judges may even complete the training online. Rubrics and score sheets are used to keep consistency between the teams.

### VOLUNTEER OPPORTUNITIES:

- **Referees** carefully watch the actions of one team and robot during each round at their table, apply the rules consistently and accurately, record scores on Scoring Sheets and confirm the score with the team.
- **Robot Design Judges** evaluate the teams design, development and programming of their robot. Programming and mechanical design experience is a benefit of this role.
- **Project Judges** evaluate the teams' problem identification, innovative solution and with whom they share their solution. This year theme for this year is architecture. Experience with the theme is worthwhile, but not necessary.
- **Core Value Judges** evaluate the teams' ability to work together. Experience working with students or teams is worthwhile, but not necessary. Teachers and coaches make great Core Value judges.
- **General Volunteers** provide assistance in the following ways/areas: time keeping, field attendants, team queuer, pit crew (including pit managers and pit runners), information area, escorts, and registration area.

### VOLUNTEER AVAILABILITY TIMES:

Volunteers are needed on Friday, December 13<sup>th</sup> for set-up and Saturday, December 14<sup>th</sup>, 2019 at the Student Union. Volunteer times differ according to where you volunteer, so any and all availability during that time is helpful. We can still use you! Register at <https://www.firstinspires.org/volunteer/its-easy-to-get-involved> and volunteer at The University of Akron & Urban STEM Center District FLL tournament.

*If you are interested in participating or have any questions, please contact the Urban STEM Center at [urbanSTEM@uakron.edu](mailto:urbanSTEM@uakron.edu)*