

Technology Competitions and Exhibits

First LEGO® Robotics: - Division 26

Superintendents: Pamela Wentworth

Assistant Superintendents: Laylah Bulman • Lee Ann Jones

Entry Form accepted from October 21, 2019 to January 14, 2020.

Check In: February 27, 2020, 4:00 PM to 8:00 PM in Arnold Hall.
February 29, 2020, 10:00 AM to 4:00 PM in Arnold Hall.

Check Out: April 9, 2020 from 4:00 PM to 8:00 PM in Arnold Hall.

Group Entries: Accepted

Competition Date:

FLL LEGO® Robotics: April 4, 2020 – 1:00 PM – 4:00 PM in Arnold Hall.

Class Number and Title: Class 2601 – FIRST LEGO® League Robotics by Students in Grades 4 – 8 for the FIRST LEGO® League Robotics (FLL@theFair) category, teams must follow the rules published in the www.firstLEGO®league.org/challenge Participation Rules. Teams of up to 10 students may compete. A total of 24 teams will be selected to participate in the Robot Challenge. Each school is allowed registration of up to 2 teams of students. In order to be allowed to compete, each team must submit their Project Notebook and Video to the Youth Fair by the check in date specified above. Project Notebooks will be judged prior to the competition and returned to the team on the day of competition. Two tables will be provided with the challenge already set up. On the day of the competition, teams must arrive by 1:00 PM with their robot, and be ready to receive their schedule of matches.

Rules:

1. Grade Levels: Students in grades 4 - 8 are eligible to enter this division.
2. Number of Entries: Only 2 teams are allowed per school.
3. Requirements for Entries: FIRST LEGO® League Robot Challenge: LEGO® Mindstorms Education EV3 or Spike Prime may be used to program the robot to complete the challenges published for the season: www.firstLEGO®league.org/challenge.
4. FLL Project Notebook and Video must be turned in on the day of the scheduled Check In. In the FLL Project Notebook, the team of students must explain the project, including their solution to the season's challenge, include research and show evidence of sharing their solution with others.
5. Submission of Entries: All LEGO® Project Notebooks must be turned in a 3-ring binder, clearly labeled with the name of school, name of team, name of each student on the team, and name of sponsoring teacher(s). The 4-minute video must be included on a jump drive and a team banner, following the

MDCPS Banner Guidelines, must be turned in at Check in.

6. Additional details will be shared with teams after registration. For more information, please contact Pamela Wentworth, pwent84@gmail.com.
7. Rubric Used to Judge the FIRST LEGO® League FLL matches are found in the FIRST website:
<http://www.firstlegoleague.org/sites/default/files/into-orbit/first-lego-league-rubrics.pdf>
8. ANY ENTRIES NOT CONFORMING TO THE ABOVE RULES OR THE OFFICIAL FAIR RULES WILL BE DISQUALIFIED AT THE DISCRETION OF THE JUDGES AT CHECK IN.
9. This Division will accept only those entries made expressly for the 2020 Fair.
10. All decisions of the judges are final. The Fair management has jurisdiction over interpretation of these rules. Items entered in the wrong Division will not be judged nor shown.
11. This Division is not responsible for lost/damaged items.
12. All exhibits not picked up at check-out will be disposed of and cash awards and ribbons are forfeited.

Class Number and Title for Schools: Class 2601 – FIRST LEGO® League

Premiums and Trophies for Middle School Participants:

Overall Champion	\$10.00 and Trophy
Overall Runner Up	10.00 and Trophy
Best Robot Performance	10.00 and Trophy
Best Core Values	10.00 and Trophy
Best Theme Project.....	10.00 and Trophy
Blue Ribbon	8.00
Red Ribbon	6.00
White Ribbon	4.00
Yellow Ribbon.....	Ribbon

If there are no entries meeting the quality standards for any special awards, no award will be given.