



**2024-2025 FIRST LEGO League Robotics
Coronado Middle School Application
FLL Robotics Competition Team**



Application Information

Students enrolled in and attending classes at CMS in Fall 2024 may apply for CMS FLL Robotics Competition Team. The application is due on **Wednesday, May 15, 2024 at 3:30 pm**. It must be completed and emailed to cmsrobotics@hotmail.com or you may drop of your completed application in the CMS front office.

The application must include the following:

1. Signed Parent/Guardian/Student Agreement
2. Signed Student Agreement
3. Completed Student Questionnaire

Students may be contacted for an interview during the week of **May 20, 2024**. Interviews will take place at CMS.

Students will be notified about team selections by **Friday, May 24, 2024**.

What is FLL Robotics?

Tomorrow's innovators practice imaginative thinking and teamwork. Guided by coaches, mentors and engineers, the teams are given a task where they must identify a real-world problem related to the theme and create a solution. They also must design, build, and program a robot using LEGO MINDSTORMS then compete on a table-top playing field to complete missions for points. All competition is connected to the main focus of Core Values. Each team is judged on their representation of Core Values in everything that they do!

It all adds up to tons of fun while they learn to apply science, technology, engineering, and math concepts (STEM), plus a big dose of imagination to solve a problem. Along their journey, they develop critical thinking and team-building skills, basic STEM applications, and even presentation skills, as they must present their solutions with a dash of creativity to judges. They also practice the Program's Core Values, which emphasizes discovery, teamwork and good sportsmanship.

How is CMS Robotics Funded?

CMS LEGO Robotics program is offered and administered by the Coronado Unified School District and is funded by fundraising efforts of Coronado Schools Foundation (CSF), a non-profit organization separate from CUSD. With the support of CSF's fundraising efforts, students have the opportunity to join a robotics team that focuses on engineering, teamwork, and collaboration. The total cost for each team member to participate in the program is approximately \$550 per year. To help ensure that CUSD is able to continue offering this program, each family is encouraged to make a donation of \$350. This donation can be made at the beginning of the season. This or any other donation amount is voluntary and not a prerequisite for students to participate in CMS Robotics. However, parent donations, along with the generous funding provided by CSF, are essential for CMS to provide students the opportunity to participate in this terrific program. If CSF is unable to raise sufficient funding to support the program, CUSD may need to discontinue the program.

Team Member Responsibilities

Robotics is a time-intensive, team-centered activity stretched out over a long competition season, and it often ramps up in the weeks before competition as extra practices are needed to get projects, presentations and robots ready to compete. Please use discretion when applying for a spot in the program. While we honor students' commitments to other activities, we expect them to take seriously their commitment to robotics as well. If a student misses multiple meetings without notifying the coach, he/she may be removed from the team so that another student can have an opportunity to join. Student may also be removed from the team for not honoring the commitment of the signed contact.

Citizenship and Behavior

Students must maintain excellent citizenship and behavior (in the classroom and at practices) to be considered for a team. This includes following school rules and exhibiting FLL Core Values. Students are expected to be respectful to other students, parents, and coaches. Technology use at practice is limited to what is appropriate and necessary for the robotics team. In the rare event that a student is not following school rules, a parent will be notified to immediately pick up the student.

Time Commitments

Teams will begin meeting at the end of this school year (TBD) as well as over the summer. August 2024 through May 2025, teams will meet weekly for 2-3 hour practices. School year meeting times will be Monday, Tuesday and Thursday 3:05-5:00 pm but are subject to change based on engineer's and coach's availability. During competition Prep Weeks, the week before competitions, practice will be every day. Attendance is extremely important, especially during Prep Week, so teams can fine tune their codes, robots, presentations, and core values challenges. If teams advance to a higher level, extra or extended practices will be added. Team members are also REQUIRED to attend 2 or more full-day tournaments (Saturday or Sunday, 7 am-5pm). Parent/Guardian is expected to be in attendance as well:

- 2024: FLL Qualifier in October or November (dates are released Sept. 1st)
- December 2024: FLL Championship OR April 2025: FLL Spring Showdown
- ***March/April 2025: Possible tournament if teams qualify

Regular attendance is important for each team member as this is a competitive team that is judged on all team members participation throughout the year. The coach will need to be contacted via email as soon as possible to report an absence. If a student continually misses practice, they may be removed from the team.

Parent/Guardian Involvement

LEGO Robotics is a *family* commitment. Parent/Guardian support is essential to the success of our CMS teams. Parent/Guardian can volunteer to mentor and do not need any prior experience with programming or research, as it is mainly to help guide students. If you are not able to mentor, there are many other opportunities to get involved. You may be asked to come to a mock judging session, lead a core values exercise, pick up shirts, coordinate a snack schedule, etc. Please indicate your role preference on the "Parent/Guardian Agreement".

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STUDENT/PARENT/GUARDIAN AGREEMENT

Please take the time to read and sign this agreement with your child. We want to ensure that both parents/guardians and students understand the responsibility and commitment needed by each FLL team member and family. A signed agreement by both the student and parent/guardian is a required part of the application and must be submitted as part of the completed application.

STUDENT AGREEMENT Please review each item before initialing each item and signing below:

_____ I realize that no FLL problem has a single solution and that a successful team is one which cooperates by considering everyone’s ideas. I will be supportive of my team members and avoid criticizing anyone’s ideas.

_____ I will be respectful towards people, equipment, and workspaces.

_____ FLL team meetings are valuable, and I will attend each meeting as best as I can. If a conflict arises, I will notify Coach Roberta in advance.

_____ I will use technology appropriately and responsibly.

_____ I will work collaboratively as a team member. This will help us accomplish more and be a successful team.

_____ The FLL program recognizes all teams that bring a solution to the tournaments and are considered “winners”. I will show other teams the utmost respect and good sportsmanship.

_____ The goal of my team should be to do our best to solve a challenging problem.

_____ If my behavior is not consistent with these expectations, my parent/guardian will be notified to pick me up from practice or competitions immediately. I understand that I may be removed from the team if the misconduct continues.

I have read and agree to the above statements.

Name: _____ **Grade:** _____

Student Signature: _____

Parent/Guardian Signature: _____

Date: _____

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PARENT/GUARDIAN AGREEMENT**

PARENT/GUARDIAN AGREEMENT Please review each item before initialing each item and signing below:

_____ I agree the Coaches have the right to let me know if my student is not abiding by the student contract and FLL Core Values which may prevent my student from continuing to be part of the team at the coach's discretion.

_____ I understand that the CMS Robotics donation pays for some equipment, registrations fees and materials & that it cannot be returned should my child withdraw from the program.

_____ If our team loses parts or harms the robot during the season, our team will be charged for the replacement parts or replacement robot.

_____ I agree to hold harmless the team coaches, mentors, volunteers, engineers, principals, CMS and CUSD, for any injuries that may occur during participation in the CMS Robotics program.

_____ I am willing to help with the team throughout the season to support our students. I will volunteer to take on the role of:

- | | |
|--------------------------|-------------------------------------|
| _____ Core Values Mentor | _____ Tournament Volunteer |
| _____ Project Mentor | _____ Robot Game Engineering Mentor |
| _____ Snack Coordinator | _____ Tournament Prep/Mock Judge |
| _____ Coding Mentoring | _____ Other |

_____ I will pick up my student immediately if contacted by a coach or site coordinator in the event of student misconduct. I realize that if this happens more than once, my student may be removed from the team.

_____ I will agree to make every effort for my student to attend all practices and tournaments. I will provide transportation to and from events such as practice and competitions and be prompt with pickups after practices and tournaments.

I have read and agree to the above statements.

Parent/Guardian Name: _____ **Date:** _____

Parent/Guardian email: _____

Parent/Guardian Phone: _____

Student Name: _____ **Grade:** _____

Parent/Guardian Signature _____

5. You have a terrific idea for the project you're working on with the team. You think it's great, but no one else wants to do it. What do you do?

6. You have a commitment with sports or an after-school activity that falls at the same time as CMS Robotics practice. How do you handle this schedule conflict?