

**Elective**  
**First Lego League Robotics**

Dear Parent/Guardian:

Every student in grades seven and eight are offered one of four competition options. Your child has chosen to participate in **FLL Robotics** as his/her elective. This elective is also open to students in grades 5 and 6. This elective is an extra-curricular activity and no class time is provided during the school day for this elective. This elective meets after school and on Saturdays. It also means a commitment to work on things pertaining to the competition at home. These include staying up to date on the game/mission rules and Q & A and completing research and preparing a presentation.

Robotics is an academic program designed to promote robotic programming and design and research. By showing creativity and building skill and becoming an expert on the annual topic, participants will build and program a robot that completes required missions within a 2.5 minute time limit! The team will create a presentation on the annual research topic. The students are evaluated in five areas: robotic performance, hardware design, software design, research presentation, and teamwork. The school must purchase a competition pass that allows us to compete in scrimmage matches and a tournament match. Additional information about Western Pennsylvania's FLL Program may be found at <http://www.pafl.com> . We hope that your child has a positive experience in this program.

Times available for the students to stay after school can be found on the **Activities Calendar on [www.mqaschool.org](http://www.mqaschool.org)** . For this elective, students are expected to make arrangements to commit to at least two days to the team. There are usually three after-school options to make this doable in most cases. Coming on Saturdays is also an option. Closer to the competition, it may be necessary to stay for all sessions and with longer hours.

Mrs. Collett

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**FLL Robotics**

Name \_\_\_\_\_ Grade \_\_\_\_\_ Homeroom \_\_\_\_\_

I and my child understand that as a participant in **FLL Robotics** there are obligations in selecting this competition activity. I will encourage my child to be committed and focused on his/her project. I understand that this project requires extensive research that will be done after school and at home. I will see that my child attends the required after school sessions and Saturday sessions for research, to create his/her project, and for preparation as needed.

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_