



Dear Parent,

Your student has shown an interest in joining the River Ridge Academy Robotics Team. First Lego League involves building a Lego Mindstorms EV3 robot to compete in the FLL Robotics competition. Over the course of the FLL season, students will commit time to researching a topic, working collaboratively with team mates, and competing in the First Lego League Tournament. Students who do not make the FLL robotics team, FLL teams are limited to 10 members, will be invited to join us in the spring. Our spring curriculum will require less time commitment and there will be more available space.

As a part of the robotics team, students will have the opportunity to hone their skills in designing, programming, and testing a fully functional EV3 robot. Students on the FLL team gain skills in engineering, logical reasoning, and most importantly working collaboratively with teammates to solve problems. This requires a commitment of time and consistent effort.

Active participants in the Raiders' Robotics Team will have the opportunity to compete in the First Lego League Qualifier. Last year's competition was an amazing experience. The Raiders' Robotics team competed in the FLL Qualifier in Walterboro, SC. While we did not advance to the Lower State Championship we did earn a third place score in the robotics game. We would like to build upon our experience from last year and make the Lower State Championship our goal this year.

Being a member of the FLL Raiders' Robotics Team does not guarantee a spot on the competition team. The FLL rules limit team sizes to 10 members. Students must display a desire to compete, a commitment to the team and a willingness to put in the effort required to get all aspects of the competition accomplished. We also require students demonstrate excellence in the classroom, and actively participate and assist the team during meetings. Students must sign a contract and have a parent/guardian sign the contract by the third meeting. Students with the desire to try out for the team will need to fill out an application.

Please see the schedule on the other side.





TEAM Schedule

Contact for the Team is Eric Mohrman at eric.mohrman@beaufort.k12.sc.us

Meetings are on the following dates in room 510

• August 24 th	Wednesday	4:00-5:00	Information meeting
• August 29 th	Monday	4:00-5:00	Team Expectations and Team Building: Focus on FLL Core Values
• August 31 st	Wednesday	4:00-5:00	Challenge Release and Team Assignment
• September 7 th	Wednesday	4:00-5:00	Focus on Project
• September 14 th	Wednesday	4:00-5:00	Lego Challenges Build
• September 19 th	Monday	4:00-5:00	Project and Robot Game
• September 21 st	Wednesday	4:00-5:00	Project and Robot Game
• September 26 th	Monday	4:00-5:00	
• September 28 th	Wednesday	4:00-5:00	Project and Robot Game
• October 3 rd	Monday	4:00-5:00	Project and Robot Game
• October 5 th	Wednesday	4:00-5:00	Project and Robot Game
• October 10 th	Monday	4:00-5:00	Project and Robot Game
• October 12 th	Wednesday	4:00-5:00	Project and Robot Game
• October 17 th	Monday	4:00-5:00	Project and Robot Game
• October 19 th	Wednesday	4:00-5:00	Project and Robot Game
• October 24 th	Monday	4:00-5:00	Project and Robot Game
• October 26 th	Wednesday	4:00-6:00	Project and Robot Game
• November 2 nd	Wednesday	4:00-5:00	Project and Robot Game
• November 5th	Saturday	9:00-12:00	Project and Robot Game Practice Run
• November 7 th	Monday	4:00-5:00	Project and Robot Game
• November 9 th	Wednesday	4:00-5:00	Project and Robot Game
• November 14 th	Monday	4:00-5:00	Project and Robot Game
• November 16 th	Wednesday	4:00-5:00	Project and Robot Game
• November 19th	SATURDAY	8:000-4:00	Colleton Qualifier @ Colleton County Middle School (Tentative)*

(If we qualify for the championship tournament, more practice dates will follow)

*These dates are subject to change depending on which qualifying tournament we get assigned

Please visit www.firstlegoleague.org for more information about First Lego League

Finally, we have several volunteer opportunities for parents who would like to become a part of the program. If you are interested, please feel free to e-mail Eric Mohrman at Eric.mohrman@beaufort.k12.sc.us

Thank you for supporting the Raiders' Robotics!

Sincerely,

Eric Mohrman
Robotics Club Coach



Robotics Club Contract

Please return the completed paper to Mr. Mohrman in Room 510

Student Name: _____

Homeroom: _____ Grade Level: 4th 5th 6th 7th 8th

Parent/Guardian Name: _____ Phone # _____

Parent/Guardian E-mail (please print clearly): _____

STUDENT CONTRACT

Please check each item below that you can honestly agree to

- ☐ I realize that no engineering problem has one solution, and that a successful team is one which cooperates by considering EVERYONE's solution and ideas. I will not criticize anyone's ideas.
- ☐ I agree that my behavior at meetings and tournaments will be constructive and contribute to the team goals.
- ☐ I agree that each robotics team meeting is valuable and I will attend each meeting as best as I can. If a conflict arises, I will notify Mr. Mohrman in advance.
- ☐ I agree to cooperate on whatever solution the group chooses, even if it is not my first choice.
- ☐ I understand that if I go to the competition, the First Lego League program recognizes all teams that bring a solution to the tournaments are considered 'winners'. I agree to show other teams/club members the utmost respect and good sportsmanship.
- ☐ I agree that the goal of being on this team should be to do our best to solve the FLL challenge, to have fun, and to learn.

Signature of team member _____ Date: _____



I give permission for my child to participate in the River Ridge Academy First Lego League Robotics Team. I understand that being a part of Robotics Team is a commitment, and that my child will need to follow the guidelines of the club to be eligible to participate in the First Lego League Competition. RRA will be taking one team of 10 team members to the state qualifier. I understand that in the event we have more eligible students than spaces available, the competition roster and alternates will be selected based on attendance, teamwork, and basic knowledge of programming.

Parent Printed Name

Parent Signature

Please see the below for volunteer opportunities

VOLUNTEER OPPORTUNITIES

If you are willing to help out please check the boxes below and I will contact you with details regarding the volunteer opportunities we need.

- ☐ Team Assistant: If you would like to help during meetings, please let us know and we can find a spot for you.
- ☐ Team Presentations-Students will have to make a presentation to the community. If you make presentations in the professional community, it would be helpful to have a parent come in and give the kids pointers to make improvements.
- ☐ Teambuilding: Students also will need to work as a team. If you have an expertise in teambuilding, your help would be greatly appreciated to work with the kids.
- ☐ Other: If you have a special talent or have special resources available to you that you think could benefit our club, please feel free to contact me.