



Rosa Parks Robotics Club 2019-2020 Student Application



NEW FOR THIS YEAR! The Rosa Parks Robotics Club uses Lego EV3 robots to participate in the Kentucky STLP SumoBots Competition. Students will use advanced block programming and creativity to build a robot that will try to knock an opposing robot out of the competition ring.

What is The Robotics Club?

The RPE Robotics Club IS	The RPE Robotics Club IS NOT
<ul style="list-style-type: none"> • For boys and girls • For 5th graders only • Based on problem solving • Programming using the Lego EV3 software accounts for most of our time • 100% Teamwork • March 21st is tournament day. If you already have a conflicting event, please do not apply. 	<ul style="list-style-type: none"> • It is not a Lego building club. We only build our robots to get them ready for competition. • It is not individual - it is 100% partner work. If you prefer to work alone, this is not your club. • It is not easy. With only one practice a week, you must be focused.

Practice and Competition Dates

Our team will meet for practice every Monday after school until 4 PM.

The Fayette County Regional STEM Fair will be held on March 21, 2020 at Bryan Station High School. This is the location of our SumoBot competition. Participation on competition day is mandatory.

Application

If you are interested in being in the club, please fill out the attached application and return it to Mr. Hollinger by Friday, September 27th. The full team will consist of 12 students (6 partner teams). The team will be comprised of only 5th graders. 5th graders that participated last year are not guaranteed a spot but are welcome to apply. All applications will be reviewed equitably.

Application Assignment - STEM in our World

Reading is the most important part of your growth as an individual. Your assignment is to read a nonfiction article on ANY STEM topic (not just robotics/coding) and to write a few sentences about it (summary and/or opinion). Have your parents help you find an online article. Parents can also help you read/understand the article if it is a more difficult topic. Just remember, the response is yours and must be handwritten. Some questions to consider for your response:

- What was the most interesting part?
- Was there something new that you learned?
- Was there a connection that you can make to your life?

Trouble finding a topic? Search for articles about Swedish teenager, Greta Thunberg.

ROSA PARKS 2019-2020 ROBOTICS CLUB APPLICATION

*******IMPORTANT: All applications must be 100% hand-written by the student. Applications typed out or completed by parents will not be considered.*******

Name: _____ Homeroom Teacher: _____

What other clubs/after-school activities at RPE do you participate in? _____

1. Why do you want to join the robotics club?

2. Describe a time that you solved a problem or worked with others on a project.

3. Application Assignment – STEM in our World

Article Title: _____

Article Author: _____ Article Source : _____

I understand that (please check all boxes):

- I am expected to attend practice every Monday (unless I am sick or other special circumstances).
- All of our practices lead up to the competition day (March 21, 2020). My parent and I will be able to attend the March 21, 2020, Saturday competition.
- This application does not guarantee me a spot on the team. Only 12 students total will be selected. If I do not get selected, I will still be participating in coding and robotics activities in the STEM Lab.

Student Signature _____

Parent Signature _____