

## Online Challenge Girls Power Essay

Robotics has been an amazing experience for many students and including myself in Johnson Jr. High School (JJHS). Ever since JJHS open up robotics education for students, it has been a trilling experience for myself these past 3 years in Middle School. This year, has been a lot of challenges and learning experience for teams this year. We have changed over our learning methods and designs for these robots these last few years. We have also have other high school team that are willing to help us with our minor problems. They have really seen us advance and changed since the last two years. I really think every team had change so much to get through the many challenges we face in robotics.

Robotics throughout our years have been one of the most difficult challenges to keep up during these times. These were our beginning years to start in Johnson. In my experience in robotics, our first was the hardest and most difficult to start out in the robotics program. However, on our second year, we improved so much on our building abilities and teamwork that may have other students start to get interested in robotics. This year, has been a very big change that I had ever happen to me in robotic because we actually are advancing our ideas with each other and improve our solutions to solve from our problems. My team each have a main role into helping our team to be successful each with their strengths in the team. However, changes as we learn new abilities and skills to improve on our performance on how that strengthens the team. When gone to competition, we work on trying to

improve our hard work to everything we can to fix out the problems and work with our hardest to get through each competition. Our roles on the team helps us create a design to ensure our robot's performance as best as we could to compete in the competition.

The roles we have on the team are Caption, Builders/Back-Builders, Programmers/Back-Up Programmers, Designer, Driver, and Secondary Caption. Most of the roles like builder and programmer have a backup in which another person can help the main builder/programmer with fixing the problem if needed. This really helps in keeping check that every person is included and solves many aspects on to ensure the team supports the idea. It will also help with having many help on solving problems and working teamwork on the robot. During competition, the driver needs to work together with everyone to ensure the robot's performance is in good condition. Teamwork is one of our main strategy to when working on the design progress and building stages of the robots.

The meaning of Girl Power is to overcome the challenges to your goals. In meaning that girls are capable to do their own passion just as much as boys are. They just need to risk their chance in taking their challenge to make their goal happen because Girl Power means to take the risk no matter what the challenge is.

Credit

Melody Eala

Team 8871