

GIRL POWER Vex IQ Elementary Online Challenge

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Monroe, Michigan

GIRL POWER

When I hear the phrase girl power, I think that girls/woman can do anything if we just work for it. I also think of suffragettes and how they fought for women's rights. My team does many things to attract diversity of students/more students. The main thing we did was the Monroe County Fair Parade.



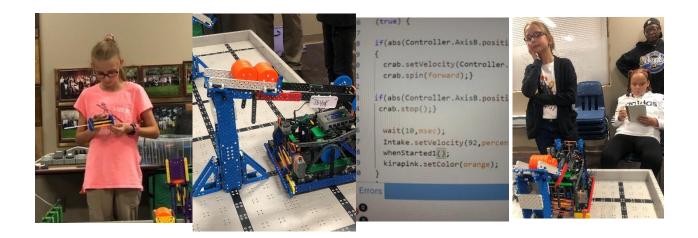


The parade had so many different floats and lots of people there. We walked in the parade driving our robot while other people from our group handed out pamphlets, candy, and talked more about robotics. In my opinion the parade attracted the greatest number of students in 2022. Many people recognized my team when signing up and our robot sitting on the shelf. Our group always has a robotics booth at the fair where there are two robots VRC and IQ. Our robot was the IQ robot at the booth. One of the teammates on my team drove our robot at the booth and recognized us from the parade. When there was an open house where we meet for robotics almost all the people who were there came because they saw my team representing our group at the parade or saw our booth at the fair. Being at those two events brought in a lot of different kinds of people and all

different age groups. Everyone on my team talks about robotics at school and I have brought in a teammate on to our team from my school. At the Monroe County Fair there is a robotics competition out in the open where everybody who comes can see, watch, ask questions, and sign up.



To me a competition is one of the best ways to attract more people. Many people around the state come and compete. Lots of people around the world don't know about Vex and competitions with robots is one of the best ways to attract more people to join. All these events are great ways to attract more diverse people and I have gone to most of them.



Most of the time we are all trading jobs except for two of them, other than that we are mostly changing jobs. Those two jobs are programming and notebook. We all drive and two of us switch driving first and second. I am the person who doesn't change. I haven't driven first a lot, but in the times that I have I learned that it is a lot harder than it looks and should stick to going second and getting contact each time I drive. We all helped build the robot and work together to help fix any problems that may happen and have happened to the robot. When we were building the robot, we all thought of many ideas and built protypes to see which one works the best. With these working ideas we turned them into a robot. Sometimes you must try other people's jobs to realize how hard the job actually is. A lot of jobs are harder than they seem.

Depending on people's thoughts and ideas they can either improve the robot or make it worse. Ideas can also change how the robot looks and affect how people think. Different kinds of thinking can cause arguments. But arguments can also lead to compromise which could create an even better design for the robot. Almost everyone in the world thinks differently than each other and you cannot expect everyone to agree on your ideas, but different kinds of ideas can help you succeed but you could also get your signals crossed and both say or do something different which can cause problems and even bring your chances of doing well lower.

Our coach is our role model because he is very good at stem and no matter what helps all the new terms with building, programming, and helps with design flaws. Our coach is always including everyone making sure we are driving in shifts and when fixing the robot everyone helps and understands all the changes made. He also makes sure everyone is cleaning up, not just one person. This makes us want to include everyone a little bit more and make sure we are all putting in the most work we can and are paying attention when he is talking or explaining something.

