

At the beginning of the school year even before we created our team we showed the Girl Power initiative by being different than the rest of our class because we and that allows, Mr White ( Our Vex robotics teacher) as our STEM role model, encouraged us to write and draw diagrams in our notebooks with intricate details to help us stand out in the competition. Because of the enthusiasm for what he does and that creates a positive environment in the class/group which we call VEX. Mr White also encouraged us and was very enthusiastic about his job and the things he has inspired us to do. This allows him to move us forward in a direction that puts us in a position to succeed and to grow ourselves as a team. At first, we did not know which role we each wanted to contribute to. After discussing designing, building, programming and strategy, we came to a conclusion of what we wanted to work on. This gave us guidelines on what we needed to spend time on in class. Every one of us had a learning curve in each role on our team. Kyle and Austin attempted designing which gave them an idea that lead to the creation of our drivetrain. When discussing the design, our perspectives were different, yet each one gave a little insight on how the drivetrain could be improved and implemented into our robot. While we were just starting out we had to start in the a room with no robots or any vex parts.



As we progressed through the year, we improved in all areas of robotics by drawing diagrams and were able to then replicate the strategy we used. Also, we all were able to build safely and converse with each other. We became more efficient with robotics and all the pieces we needed to familiarize ourselves with each part and where it goes on our robot. We next started to think about how we could stand out from the rest of the team with each of our additions to the robot, this lead to us trying to follow the girl powered initiative and we didn't even know. We were following the girl powered initiative which is, to us it is to be independent, different and strong in what we believe. Mr White gave instructions to Kason on how to execute a strategy to start scouting other teams in order to advance our team and give us a better understanding of what we are up against in the competition.



In robotics/ Vex we have gained insight so that when we hear the phrase Girl Powered, we think of someone who is independent and follows their own path and dedication to what they believe. I see a woman flexing to show her strength and individuality. It gives us a drive to be something different and not fit into a cookie cutter frame. Our team has shown initiative in creating a supportive environment for our teammates to work in. We often start out the class with friendly conversation. Now that we have been through robotics/ Vex we have all learned what being powered by our beliefs and drive to succeed in robotics!

