



ShamrocksGirls are Girl Powered 93170A



1 - Our Shamrock VEX team researchers! Our team competes in programming, competition, skills, and STEM research. This year everyone that wanted to join robotics were allowed to sign up and submit why. More girls participate now because it was open signups. We are glad that we have the opportunity to learn how to build and program robots. Our first design didn't work so we have had to improve it. Cooper Duckworth



2 - Girl Powered Focus VEX competition allows me to get game ready. Before the timer goes off, I visualize our strategy for competition. It is fun working together. Anna Graves



3 - First Competition This year was our first year competing. In December we placed in the top ten of this competition! Girl Powered has helped us learn robotics quickly and take get us how to program using Robotc. At first I was nervous but now it is easier to compete. Anna Graves



4 - Skills competition We have three boys and four girls that rotate controlling the robot in competition. In the final competition we are going to narrow it to the top scores. Right now two girls have scored the highest. With this being our first year we have come a long way. Diversity has helped us improve because at first we didn't agree on the design so we had to compromise. By having different personality of girls and boys our team is strong.



5 - STEM Research planning We are talking about the ethics of robots. A robot has to benefit us in some way. We decided to build a friendly robot that could be a friend. It gives advice if you are in a good or bad mood.



6 - *Watching competition We have learned so much from watching competition. During the matches you are working together to score the most you can in an alliance. You plan your strategy out before the match begins. This is a great way to show sportsmanship even though you are against them on the final score. Olivia Pifer*



7 - *VEX Training Session Our club team met several Saturdays to work on building our robot. We worked together to come up with a new claw design.*



8 - Girl Powered: Our team had 4 girls in 2017 and increased to 14 in 2018! Our collaboration and communication are our strengths because we work together for the same goal.



9 - GirlPowered is Shamrock Power Robotics has opened up my eyes to learning about math and science. In our club we plan, design , test, then modify. This way we can try something and if it doesn't work we change it to make it better. We can change the world to make it better! Katie Lawrence