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Vex IQ Robotics

What does Girl-Powered mean to us?



Girl-Powered

INTRODUCTION



Girl Powered gives us confidence in ourselves and helps us believe that we can not only do as much as boys but more than them. When a problem comes our way, we can tackle it and solve it believing that we can. There are only two all-girl teams in our robotics class and both of us are already qualified for the state championship. If we hadn't tried out for Vex Robotics, we probably wouldn't have had the opportunity to improve in programming or engineering. Working together means making decisions and giving our best.

Girl-Powered is a group of girls who work together and share their experiences with others so they can motivate each other. This proves that girls can be the same as everyone else.

MEET OUR TEAM



Meet **Aradya**. She is in fifth grade and loves art and dancing. Girl Powered motivates her to keep trying no matter what others say and believe in herself. Aradya has always been interested in building complex legos since she was 5 years old which triggered her interest in building robots. She is also the main programmer.





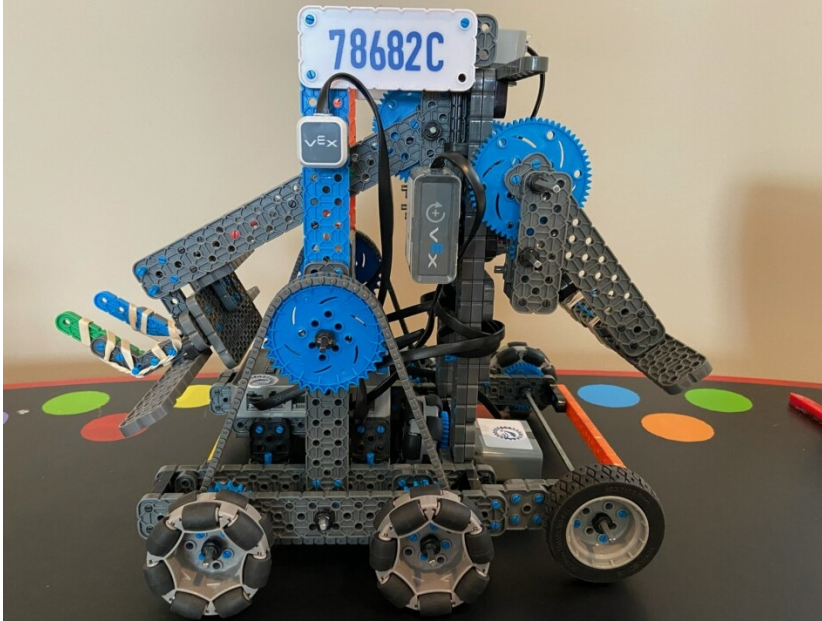
Meet **Emily**. She is also in Fifth grade and has passions for technologies, art, and tennis. Girl Powered helps her realize that girls can do the same thing as boys, like an equal. She takes many programming classes and takes an interest in engineering. She likes to drive and build a robot. She is one of the main builders in the team.

Meet **Evelyn**. She is in Fourth grade and loves playing Chess, she is also very educational and probably the smartest in the team. Girl-Powered helps her see that a girl can be anything and you can't underestimate her. She loves engineering and tinkering with objects. She also likes to program the robot and was fascinated by how the robot listens to the commands so fluently.



Meet **Sarah**. She is in fifth grade and loves to paint and do arts and crafts. She also likes to play chess and tennis. Girl- Powered makes her feels confident about herself, she basically feels unstoppable. She has always had a passion for building and solving complex problems. She was interested in the robotics team since third grade and has been working hard to get in.

Our Robot



How Girl-Powered inspired us:

People say that girls can't do many things, but that is not always true. And this year, we have proven that girls can do the same thing as boys. Everyone is equal and Girl-Powered showed us that. They inspired us that we could do anything we put our minds to. Before we decided to try out for the team, we dreaded to think about coding or technical problems until the robotic's team came into our lives. We wanted to prove that we were capable of doing more than they think. Girl-Powered gives us more confidence that we can participate in **Vex IQ Robotics**. We are now more experienced in robotics and are confident when making changes in the robot. Even though we fail and lose much, we support each other and try our best again, the next day. We support each other which is another thing that helps us.

Don't underestimate us, we are stronger than you think. Girl-Powered helped us realize this. We are writing to you from a place where we don't get underestimated but around the world, many girls are underestimated and bullied if they do things that only boys do. We were angered and decided to prove these people wrong. We would try to do our best in this season and be the best team we could possibly be. Girls are **no less** than boys, and we feel sad for those who think that is true. Sure boys were the first to do most things, but that is only because they didn't give women the chance to prove themselves until after the *women's suffragist movement*.

After spending so much time with our robot, we got to create many generations for it thanks to the women who **inspired** us to do what we do now. We now don't think of robotics as work, but as a fun hobby. As we've advanced through the season, we've learned how to look at problems in a different way. At the beginning of the year, we thought of problems as the worst thing in the world. Now, we think of challenges as fun puzzles, like sudoku and crossword puzzles.

Inspirational Women:

Girl-Powered helped us realize that we can do more. Historical Women also inspired us to think more highly of ourselves, they also helped other people to realize how hard women work. For example:



Malala Yousafzai inspires us because she fights for girls' right to education. She said, "If one man can destroy everything, why can't one girl change it." If she didn't change the world, all girls wouldn't be able to do what they do now.



Another famous woman was **Susan B Anthony**. She gave women the right to vote and worked tirelessly to do this. She helped us stand up for what we think is right. She believes a man can't judge a woman without her consent.



Marie Curie is also an inspirational role model. She was the first female scientist to earn 2 Nobel Prizes for discovering 2 elements, radium, and polonium. She makes us believe to not give up.



Geeta Kumari Phogat also really inspired us because she was the first Indian woman wrestler to win gold in the common-wealth games 2010. Through very hard work and training, she has gotten this far. That shows that hard work and dedication can do anything. She has now inspired many young girls in India to

wrestle instead of doing house chores.

These are only a few women who inspired countless people in the world. Girl-Powered also inspired us to believe and achieve our goals. Their team collaborates so well and they shared their information with us, experiencing this makes us want to work harder to achieve our goals.

CONCLUSION

Girl-Powered is a very motivational thing that inspires and promotes girls in the field of *STEM*. Girl Powered has truly inspired our team. If it weren't for Girl-Powered, we might not even be doing Vex, or our team might have been completely separated. These women inspired because if they can discover 2 elements or fight for their right then why can't we. These are only a few women who inspired countless people in the world. This inspires us to become a world-famous scientist or a really good engineer.