

# Girl Powered Project

72853D

Chickbotics



When we hear the phrase “Girl Powered”, what do we think of?

When we hear this phrase, we think that it means that everyone is capable of almost anything, no matter who you are. This is not only saying that girls are able to do the same as boys, but that anyone is capable of success, no matter the race, gender, ethnicity, etc. Gender is just how the situation is being approached at the moment.

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How have we taken initiative to create a more inclusive environment that attracts a diverse group of students?

Our team is already quite diverse, being that one of our teammates has autism. This has made working with her a long, somewhat difficult journey. This aspect of our team has caused many other people of diversity to join. This is our second year working together, so we have learned a lot about each other and the ways we think. Being the older girl powered team in our school, we have tried to inspire other girls to join. With technology being such a big part of today's way of life, the more diversity in the field, the more people will be comfortable joining. That could lead to a new, better tomorrow.

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How each team member has tried various roles on the team (everything from designing, to building, programming, strategy, awards, etc.)? What have we learned through this experience?

All members of our team have or have had various roles. We have looked with other teams and collaborated to make our robot. We found that we are not really good at some things, so we have got other teams to help us. We are still struggling in some portions of this skill, but with time and effort we are improving. Through many experiences, we have learned to try each others ideas, even if we don't necessarily agree with the other person's opinion on it.

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How do we believe diversity of perspective changes our robot design, our team chemistry, and even our ability to succeed?

We believe that diversity of perspective changes how we approach every aspect of our robotics team. Over the last two years, we have been focused to work hard and be successful in everything we do regarding robotics. We bounce ideas off of each other and have worked hard to develop good chemistry within our team. Our team consists of two headstrong girls. We each have a drive to succeed and prove that we can accomplish anything we put our mind to. Last year, during our first year in robotics we worked together with another robotics student. We earned the opportunity to compete at the Arkansas State Robotics tournament and the Create US Open tournament in Iowa. We decided to tackle this year with an all girls team. Our goal is to qualify for State, Create US, and VEX WORLDS! We believe that with hard work and dedication we can achieve our goals.

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- Who is our STEM role model and why? Does this person inspire us to have a more inclusive team/program? How?

Sally Ride is our STEM role model. She was an American astronaut and astrophysicist. In 1983 she became the first American woman in space. She has inspired us to see that diversity in any setting is good for people. Seeing different types of people in a closed setting can allow people to accept them in public places. She has also helped us realize that people are people, no matter the race, ethnicity, gender, etc.

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# Our Project: Girl Powered Project

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Team Number: 72853D

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