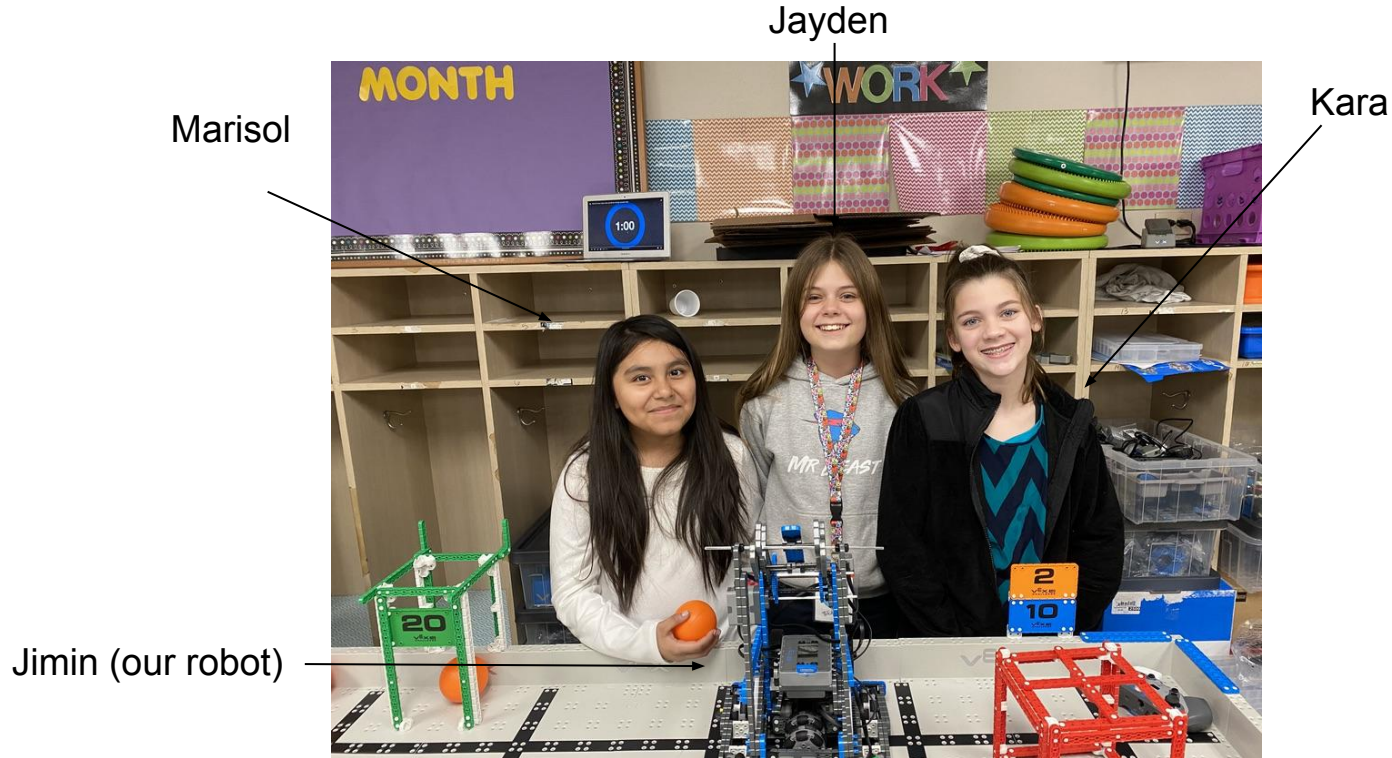


# VEX IQ: Girl Powered



The first thing that comes to mind when I hear “Girl Powered” is girls going after their dreams without limitations or judgement. It reflects us because we don’t care if we have different thoughts or opinions. We just take the things that we have in common and work from there. Our area is known for agriculture, which mainly focuses on boys. We want to show girls that we can do anything that we put our minds to. You should never let anyone tell you that you won’t be good at something just because you are a girl.



Our team has participated in technology conferences to promote our robotics program and show how accessible it is to all students. Our robotics program is open to all students who show interest. Our school is in a very poor neighborhood, so our coaches fundraise to make sure that anyone can be involved and not have to worry about paying for it. Other schools in our area only let kids who are in the gifted and talented classes join their teams. We don’t think that is fair. We have special needs kids on teams in our school and they have done very well. If they weren’t allowed to join because of their disability, they would never know how good they could be at robotics.



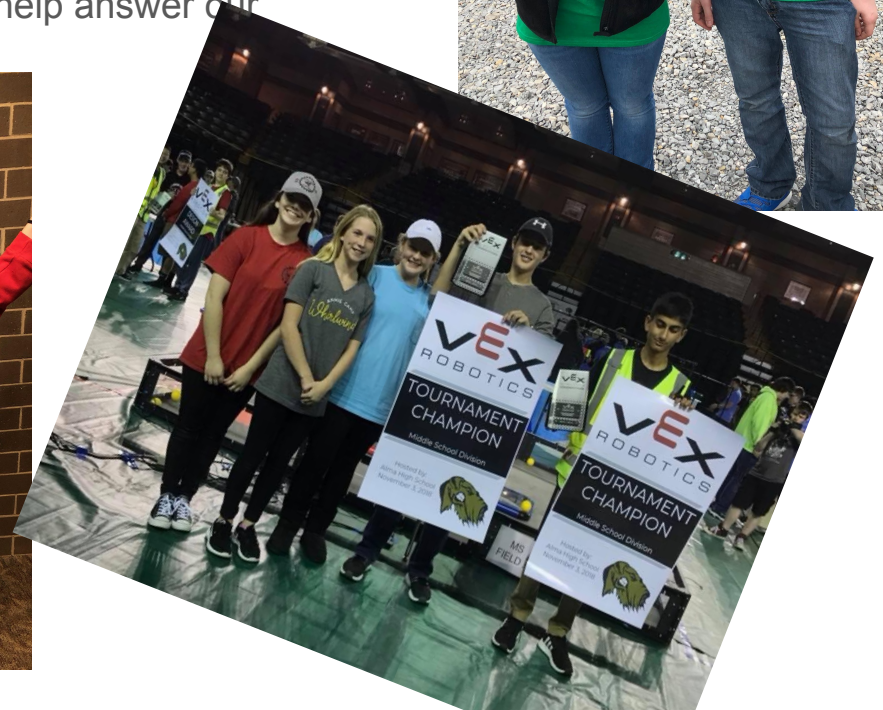
All three of us share the roles on our team. I have been a builder, a driver, and am also the notebooker and main coder. Jayden is the main builder and driver. She is great at thinking of strategies to scores the most points. Marisol has been a builder, helps with the notebook, and is also a good driver. We have all had a part in every step of our robot, but have come to realize that we each have our own strengths that make our team better. We all like to drive, so we take turns at each competition to make sure that we all get to compete. For skills, I focus on running the programming, and Marisol and Jayden do the driver control. This allows each of us the opportunity to focus on one thing to make our team successful.

All three of us have different strengths and ideas. My artistic and creative side helps me in the design process. Jayden's engineering mind helps her to problem solve and bring my designs to life. Marisol's outgoing personality helps with engaging other teams in collaboration. Combined, we have created a very successful robot and design notebook, that has won multiple awards. We are not only teammates, but amazing friends as well.





Our STEM role model is my big sister, Jocelynn. She has been in robotics for three years. She loves science and math, and is very passionate about helping others engage in robotics. She taught me how to notebook, and helped me build my first at home robot kit. Most boys think that the girls should just do the notebook and nothing else. Jocelynn has shown us that girls can play a huge role in not only the design process, but also the building and coding too. Anytime we have a question about how to make something work, Jocelynn is always there to help answer our questions. She is the definition of girl power!



# Credits

- Created by Kara Hale
- Other team members, Jayden Marsh and Marisol Martinez
- Team #43820A
- Title: VEX IQ: Girl Powered