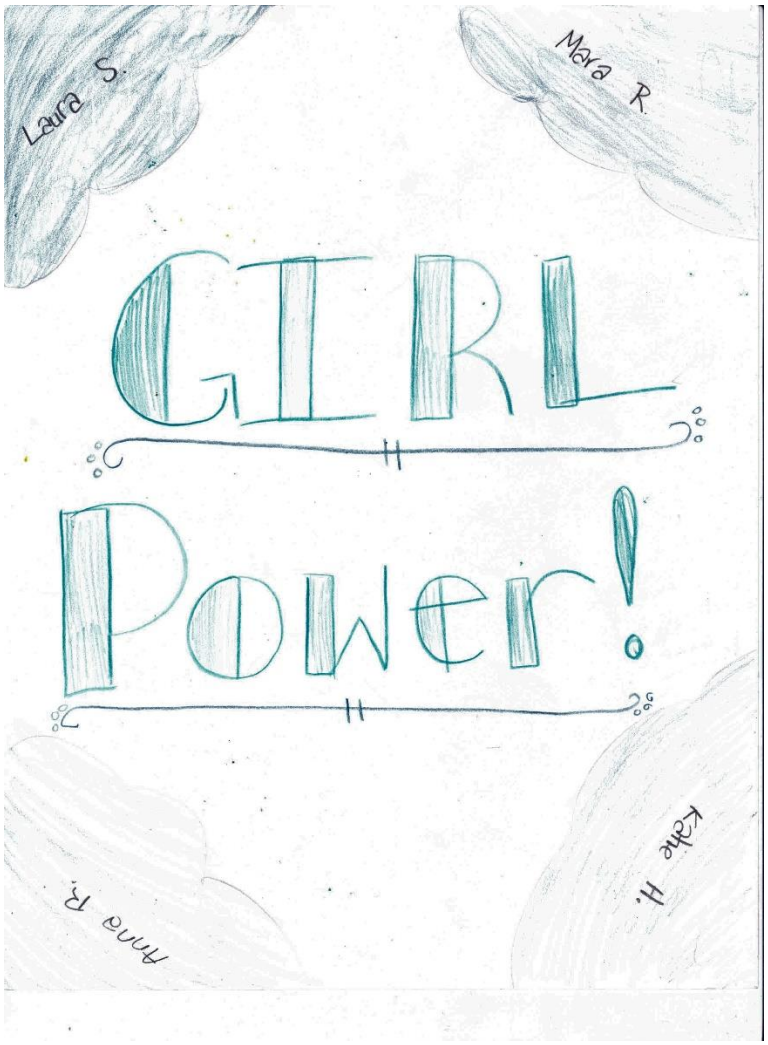
GIRL POWER PROJECT

Glenkirk 11579B

By: Katie Huynh, Anna Remsen, Mara Remsen, and Laura Souchek



What does girl power mean to you?

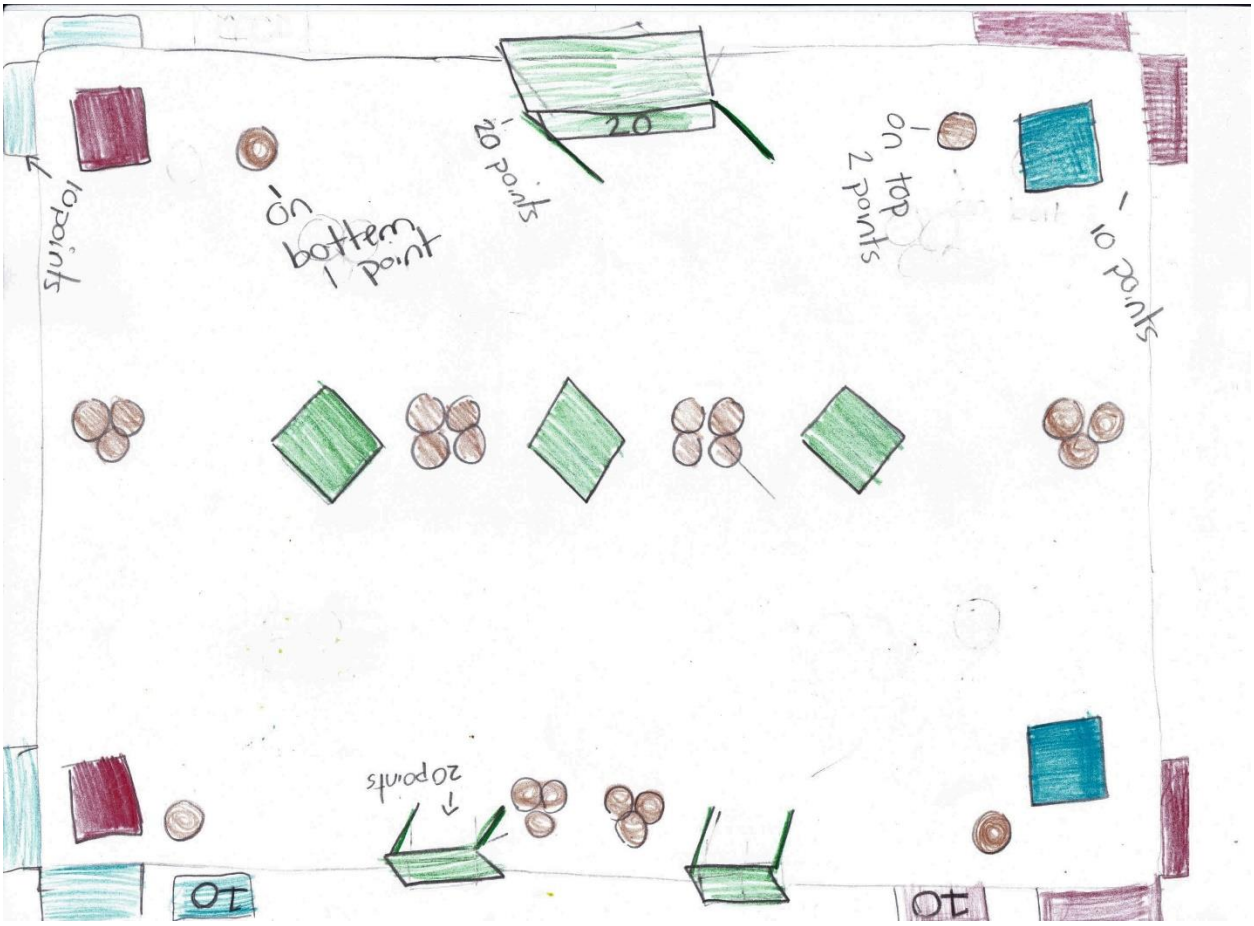
Girl power means to our team that all girls can take charge and do anything that comes to mind, and that any girl is capable of anything and everything. Also, we believe that girls can do anything, anywhere. Girls are strong and awesome with anything that gets in their way.

Share how your team took initiative to create a more inclusive environment that attracts a diverse group of students.

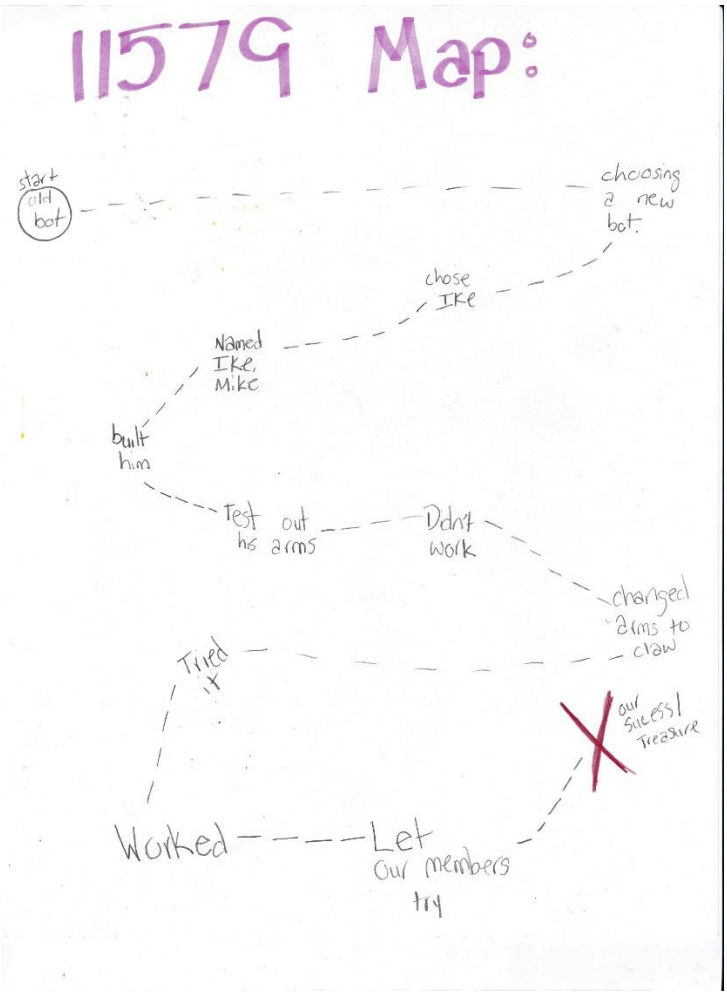
We would want everyone to be included because they should always have a chance. We always want people to be included so they could teach and learn from their or other peoples' mistakes. Also, we would want everyone to be equally treated so they could have their own chance and try.

Share how each team member tried various roles. Explain what you learned through this experience. (Each one of us wrote in our own perspective)

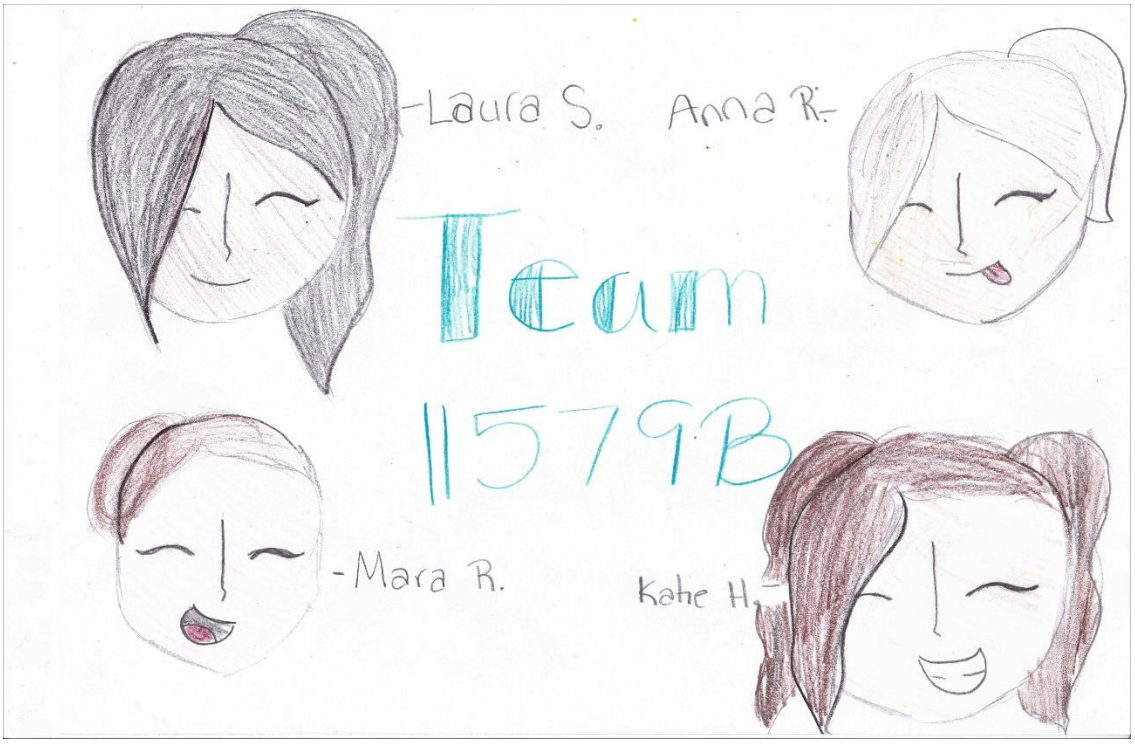
Mara R. has played various roles in this vex iq challenge. She has played many roles such as building, driving, and programming. This experience started at the beginning of the year when we all met up. First, we all met up so we could pick our teams. We wanted to keep our team small, and we are four girls strong! We started brainstorming ideas, we looked up robot ideas and we picked Ike. We built Ike then we noticed the arms were not equal so I fixed the problem. Then he was not stacking the cube properly so we took off the arms and put on a claw. And that's how we have gotten here today.



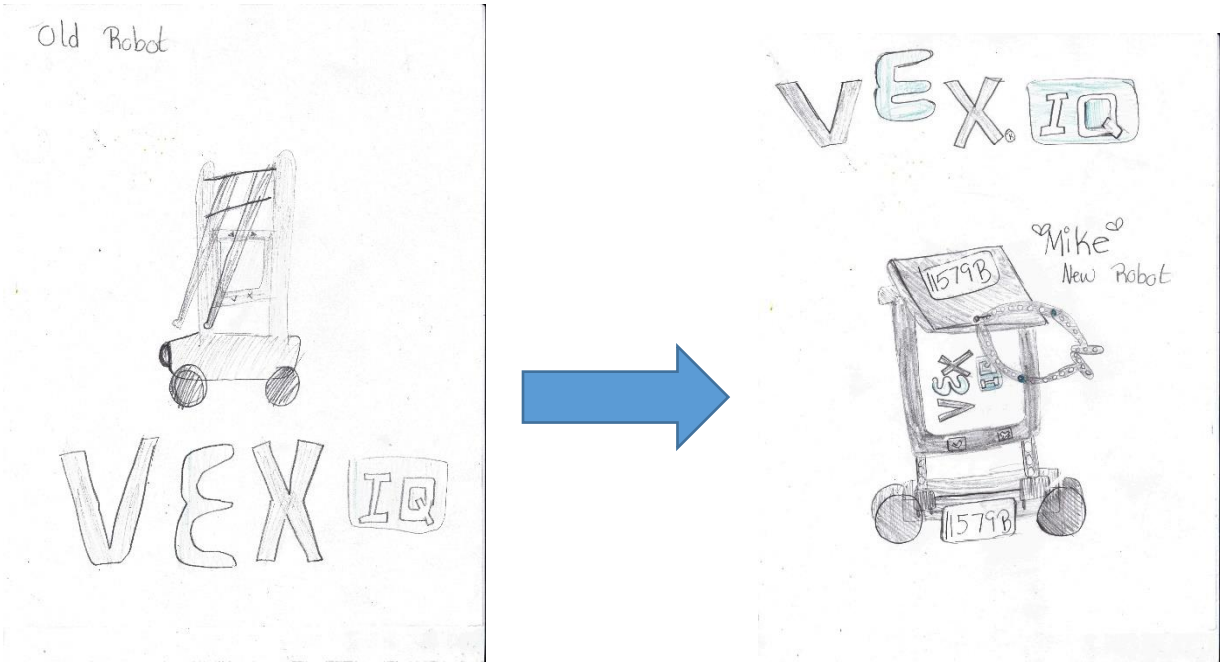
Laura S. has played various roles such as mostly driving and programming. At the beginning of the year I was sitting at the table with Katie when we saw Mara and Anna, so I called them over. They sat down at the table and we all talked until coach said “listen up.” Then we got our team number (11579B). After that, the bell rang so we got our backpacks and we went to class. That week we strategized and worked on our format. We had lots of problems but we fixed them all up in a matter of weeks. And that’s how we have gotten here today.



Anna R. has played various roles such as programming, driving, building, and strategizing. It all started when we met on the first day of robotics and we decided to become a group/team. Then we got our team number and our engineering notebook so we could start on brainstorming ideas. But, right when we started it was time to go. I was so excited for robotics this year. After the next few meetings we decided we wanted to build the robot called Ike. Ike could use his arms and stack the cubes so we knew it was the perfect robot! After about a month we finished Ike and started testing it, but we then realized that Ike's arms could not stack the cubes! For a long time we didn't know what to do. But then I got an idea! We could take off the arms and add a claw on the top, and it worked! We had to do little tweaks here and there but our robot is perfect. And my team with me, Mara, Laura, and Katie is even better.

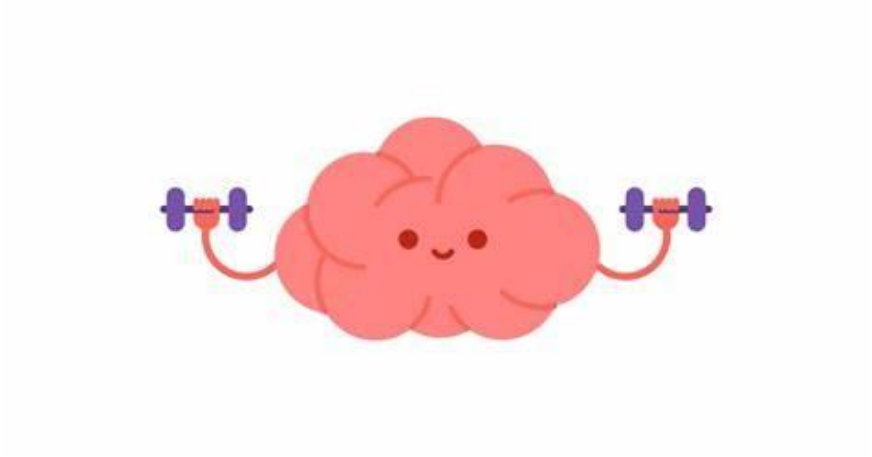


Katie H. has played various roles such as driving, drawing, engineering notebook details, and building. This year started when we met up in our coaches' classroom to pick our teams. I was sitting next to a girl named Laura when two girls walked in. Laura said "Mara, Anna sit over here!" So they came and sat with us. They introduced themselves and we all became good friends. The next robotics meeting we picked our robot. It was Ike, then we made it into Mike. We had many problems but we tried hard to fix them and we practiced, practiced, practiced. That's how we got here today.



Share how you believe diversity of perspective changes your robot design, your team chemistry, and even your ability to succeed?

We think it's just like the different types of robots. There are many different types of robots, just as there are many types of people. Each person has their own unique ideas in their squishy pink minds. They are all unique and have different ideas of how to make the robot better. The robot Ike was unique because "he" had all different types of features. Just like humans, for example Katie is unique in her own way. She is very artistic and is good at brainstorming ideas, where Anna is super focused (sometimes). But both are kind and funny. But if you compare the Clawbot to Ike, or even our robot Mike, they are unique because two have a forward bending waist while the other does not; and one is able to easily pick up balls while the others cannot. But none have squishy pink minds like humans. They each serve different purposes just like people.



Source www.longfordcp.com

Who is your stem role model and why? Does this person inspire you to have a more inclusive team/program? How?

Our stem role model is our coach, Coach Caron. She is motivating and tries to help the teams do their best and stay on task. She is organized and always is prepared for anything. She is a special education teacher at our school during the day and she spends her mornings and after school time doing robotics. She is assisted by her dad (Coach Kohut) in the afternoon. Those are some of the many reasons she is our stem role model.

Credits/Entrants:

Glenkirk Golden Gears Team 11579B

Katie Huynh – 5th grade

Anna Remsen – 5th grade

Mara Remsen – 5th grade

Laura Souchek – 5th grade

Title of Submission:

Girl Power Project