



# TEAM 5X5: CELBRAATES GIRL POWER THROUGH TEAM DIVERSITY




Hi, I'm Yusuf  
and I'm in  
6th Grade!



Hi, I'm  
Mariam  
and I'm in  
8th  
Grade!



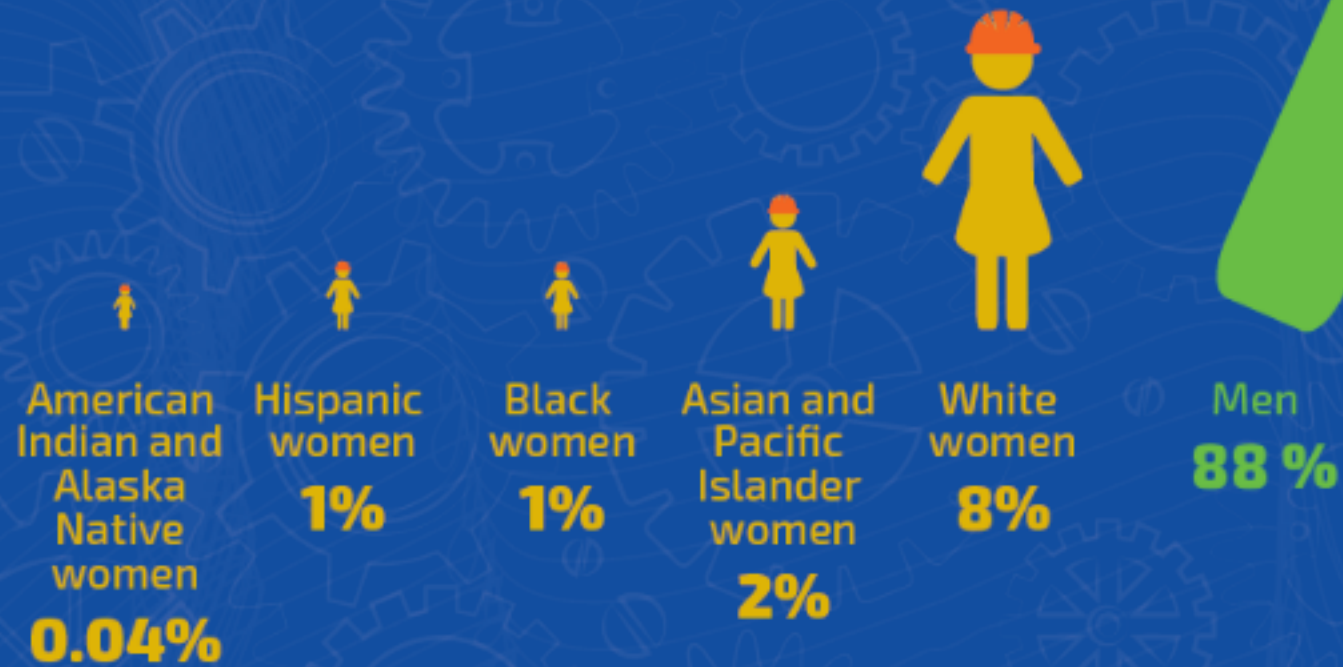
Hi, I'm Pranav  
and I'm in 8th  
Grade



Hi, I'm Preeta and  
I'm in 8th Grade!

# ENGINEERING FAIL

THE U.S. ENGINEERING WORKFORCE IS  
PREDOMINANTLY MALE.



#addwomen




Source: AAUW analysis of U.S. Census Bureau data, 2011


Did you know that  
men make up 88% of  
the U.S Engineering  
workforce???  
Where are the  
Women??"







Also, 20% of women  
in STEM industries  
say their gender has  
made it harder to  
succeed at work.



Harder to  
work/ making  
women  
frustrated.

Also, by teaching our young kids group work they learn to be patient and respectful of each other! For example, I learned that through my experience on my VEX Robotics Team!





# Here Is Our 2018-2019 VEX Team:

Jensie  
Co- Builder/Driver



Pranav  
Co-BUILDER/Driver



Mariam  
Programmer/Driver





Preeta  
STEM Project/Engineering  
Notebook



Yusuf  
STEM Project/Girl Power Project

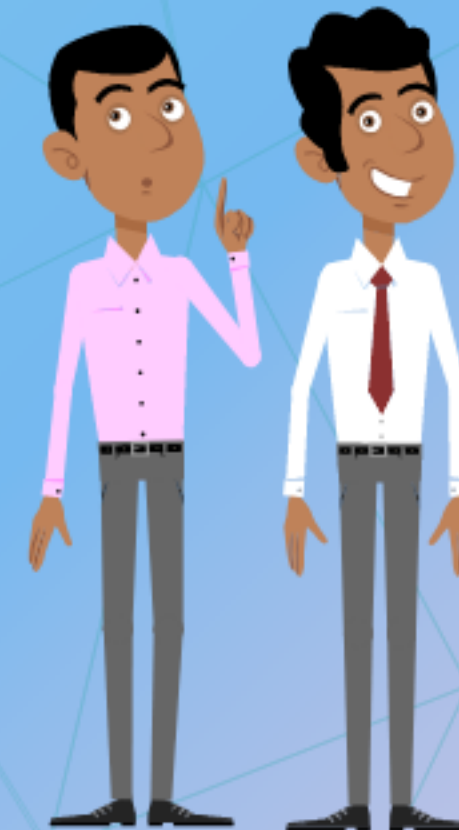




# When we hear Girl Powered we feel...

Empowered! Us girls, have the same potential as any boy. In sports, boys tend to do better because of how their body is made differently from ours. However, with robotics its fair game: we all are using the same Muscle the brain! It's just who wants to work harder to achieve the same goal!

The boys will be honest. At first, "Girl Power" sounds like its all about the girls! However, after learning about how women in STEM are treated poorly we want to make sure future generations like our girl teammates are given fair opportunities like us. We have learned they are our equals if not even more talented!



# We didn't just learn about VEX, we have also learned that even though we may have some differences, we still respect each other and have learned about one another!

I'm the youngest, but they welcomed my ideas and I learned a lot!



We're both Muslims, and it was great to see our VEX partners to respect that we had to leave practice for 10 minutes to offer our prayer. We love their respect and support.



We're both Hindu, but different genders. We learned about our Catholic and Muslim friends and how they worship the same God.



I'm the only Caucasian and I'm Catholic. I learned about how Hindus and Muslims even though are the same skin color are completely different religions! I learned that because of my VEX partners!





# Each team member chose a role to lead, but that didn't stop us from learning from each other!



Even though I'm the youngest member, my partners wanted me to learn driving and coding. After the main builders built "Mango" our robot they helped me rebuild a duplicate! I learned a lot and I am happy I have experienced teammates who treat me with respect and patience! -Yusuf







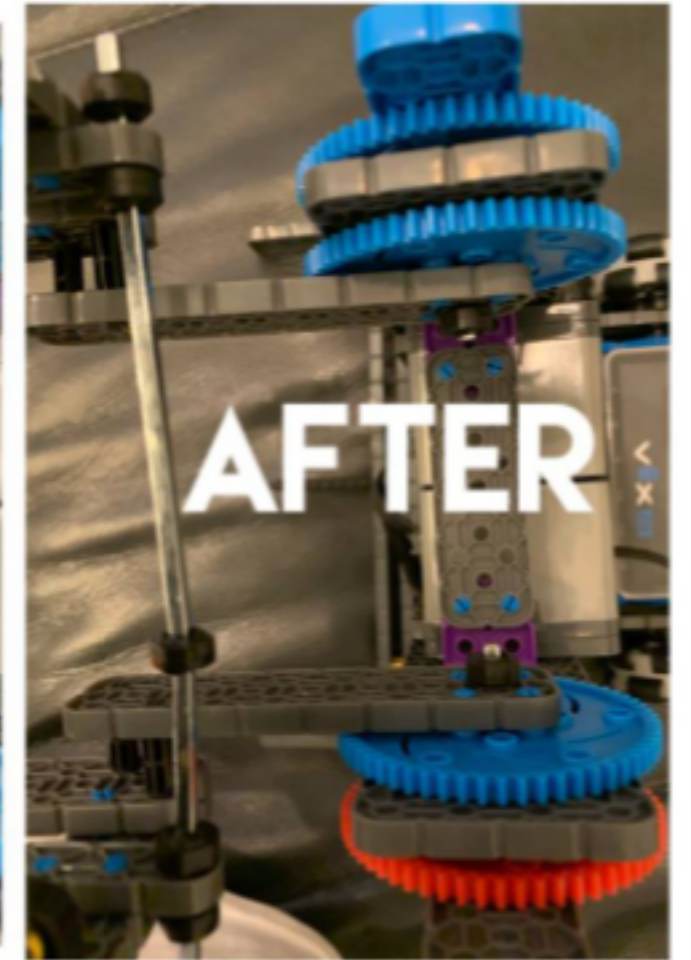
Even though I was leading the STEM project, Mariam and Preeta jumped into help. I discovered Preeta is an amazing artist and Mariam is a talented writer! We all have different strengths and it's great everyone is pitching in!"





"I was not leading design/build of "Mango" our robot. But while I was driving, I noticed the hub would get stuck sometimes. I suggested to place an axle to stop the hub from going too far getting stuck. Jensie and Pranav the lead builders agreed and added that to the design. It was great to work on different roles to learn and also have team members willing to try!"

-Mariam



PIC•COLLAGE



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

**"My STEM role model is the creator of Girls Who Code, Reshma Saujani. She inspires girls/women to have equal opportunities as boys! I learned that the reality is not just working with girls, so team up with boys and show them how talented girls are!"**  
**-Preeta.**





# How do you believe diversity of perspective changes your robot design, your team chemistry, and even your ability to succeed?

"For the first time, I met a girl who is a building whiz. I learned a lot from Jensie. In the future, I will never underestimate girls with anything!"  
-Pranav



"We played basketball for break time and the boys told me to try out for school bball team I tried out, and made the team! My team members brought a cake to celebrate! Moments like this build our team chemistry and we want all of us to succeed not only in VEX!" -Jensie





# References:

- 1 <https://www.philstar.com/headlines/2018/03/30/1801169/girls-and-women-science-where-do-they-stand>
- 2 <https://www.bachelorsdegreeonline.com/blog/2012/10-college-majors-with-the-biggest-gender-gap/>
- 3 [https://en.wikipedia.org/wiki/Reshma\\_Saujani](https://en.wikipedia.org/wiki/Reshma_Saujani)
- 4 <https://www.aauw.org/research/why-so-few/>



# Team 5x5 Celebrates Diversity

Team #53535A



Made by team 5x5 members:  
Jensie C, Mariam S, Yusuf S,  
Pranav S, and Preeta S.



CREATED  
USING



**POWTOON**  
make it awesome