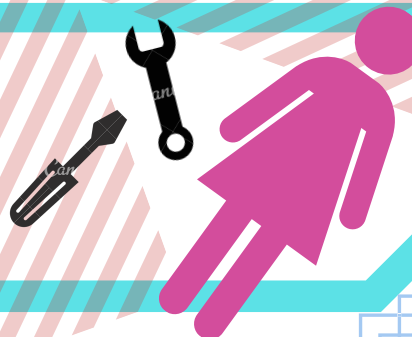
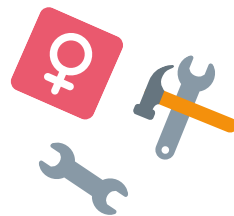


# Through Her Eyes

VEX TEAM 41658C



# WHO RUNS THE WORLD?

.....  
*"I can't do this  
just quit already "*

*Girls*

....Then I found out that  
everyone felt the same way.



After a quick chat with all the  
girls, we realized that we were  
all sharing the same thoughts.

Now we've found a way to  
support each other: robotics.

VEX Robotics has changed  
us as people.

It has taught us leadership  
and collaboration skills, as  
well as how to work hard  
and achieve our goals.

**Our experience  
with Vex has  
affected how we  
see ourselves and  
our ideas for the  
future.**

**"We can, too."  
"And we will!"**



# girl power

{noun}

females supporting each other to succeed,  
even when others are pushing them down







Jaclyn  
Boudutay

Jaclyn's main position on 41658C is a programmer. She is very passionate about programming, but she also contributes to the building of the robot.

She feels that girls' roles in robotics have changed dramatically in school due to new programs and electives involving engineering being offered. Jaclyn continues to explain how this is raising female interest in engineering (especially robotics) and leading to more females taking jobs concerning engineering.



Athena  
Boudutay

Athena's job is web design. She has been responsible for our school robotics website. "Feminism in robotics means not only empowering females, but males too. We should promote equality in robotics because everyone should have an equal chance to pursue their interests. Both genders should be supported equally, especially in a program as diverse as VEX Robotics."

Advita  
Bathole

Formerly the team manager, Advita is a hardworking, responsible, and innovative member of 41658C. She is now a co-manager, contributing to the robot's design and helping to build it, as well as supervising the coding and overseeing the execution of new ideas. Her view of feminism and robotics is passionate one. She devoutly states that girls should chase after engineering and robotics (if that is where their interests lie), because their astuteness and attention to detail are very useful in an engineering environment. She very strongly feels that girls shouldn't feel obliged to pursue a career they don't like and that they should have the opportunity to experiment with everything to see what they are interested in, be it robotics or anything else.



# Sukruti Pamarti

Sukruti's job on the team is a programmer, the same as Jaclyn's. She is very enthusiastic about programming, but also helps with designs and note-booking.

Sukruti envisions a world where girls followed their interests all the time, not hindered by those who put them down. She thinks that females and males should both have an equal say in the future of robotics, and that girls especially should pursue their goals in the field of robotics, no matter what any oppressors say.

"Girls and boys both have equal aptitude for robotics. I think the only big difference is their confidence levels. "



As our team co-manager and lead builder, Faith is a very valuable part of our team. She is creative, accountable, and is always open to new ideas.

Faith talks about how she thinks girls should definitely follow their dreams in the field of robotics.

"Joining a VEX team made me more confident, responsible, and open-minded. VEX taught me how to be a better sportsman, to work hard, and deal with disappointment, but most importantly, it taught me how to be independent. I would tell every girl interested in robotics to try VEX, no matter what the oppression.

# Faith Zhang



Christine's position on the team is web design. She and Athena work on our school's robotics website for VEX and other programs.

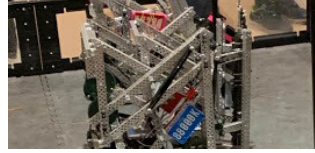
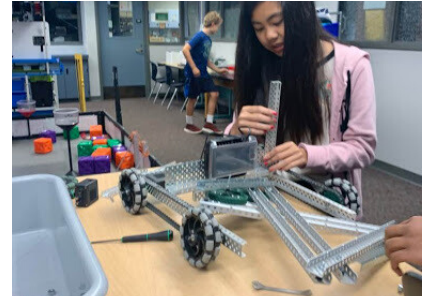
# Christine Lan



"Everyone should have an opportunity to accomplish their goals in robotics, no matter what they are or where they came from. Robotics is a special field - one where everyone's past and background are forgotten in a united attempt to create their dreams. Why shouldn't girls have this opportunity?"

# Our Story

Our experience with VEX has changed us in many ways. It has been dotted with many a triumph, but also many failures. Each instance has taught us something new.



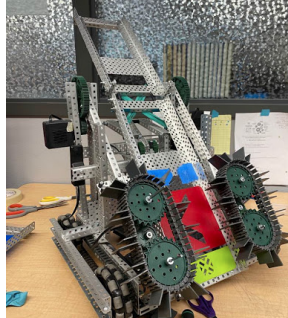
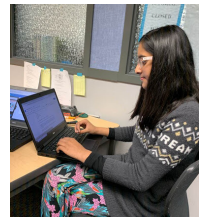
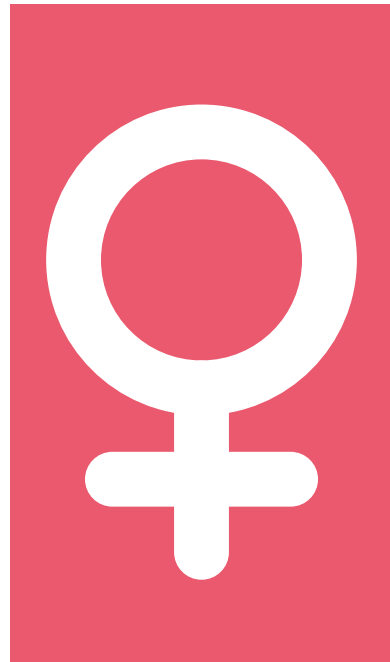
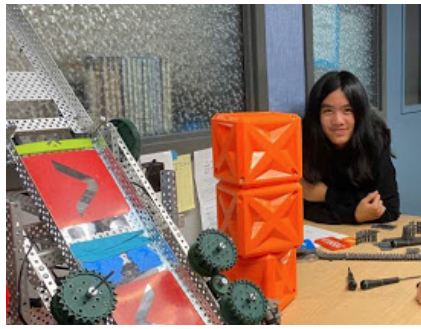
We were introduced to VEX Robotics in 2019. Half of us were in seventh grade while the other half was in eighth, but we all met it with the same enthusiasm. Our team then was 33% female, and we were excited to make our mark in the world of amateur robotics.

Our first design was a double-reverse four-bar. We went through several different designs, but none of them worked as we had planned. This first competition in November was very stressful, especially for the girls. As first-years, we had worked extremely hard throughout the time allotted for us, and even went overboard to come in early in the mornings and stay late after school. Our recess and lunch times were consumed in this project, but the end product was not what we imagined it would be. We were disappointed but inspired by the many different designs we had seen at the competition. We took new ideas and plans back with us and started anew.

Only about a few days into the second competition, we realized that we were being hindered by some people in our team. We noticed that while most of the girls worked diligently, most of the boys were often not focused and played around instead of doing their jobs. However, with the next competition looming closer, the boys realized that they needed to work harder and we managed to finish our robot by the second competition. During and after the competition, some girls on our team expressed feelings of depression and hopelessness. The responsibility of the whole robot and the many extracurricular activities the girls were taking on were a burden on their shoulders, weighing them down. They were over-stressed and emotionally nervous. This was not because of the workload or situation as much as it was of the workload distribution. There was significantly more on the shoulders of these girls than on the shoulders of others or the boys. Later, however, the boys eventually came around. After listening to our side, they became much more helpful and productive. Understanding the boys' position made us understand why they were doing what they did. They were showed how we were feeling, and in turn we felt happier. This second competition was a milestone for our team dynamics.

Before we knew it, the third competition had rolled around and we had a completely new design. A double-reverse four-bar had turned into a traybot. This was the competition we were most confident in, because all of our teammates had been helpful and we had a ready robot.





VEX Robotics  
showed us that  
creativity has no  
limits. As long as  
we're willing to  
put in the hard  
work, we can do  
anything and  
everything.

Our VEX Robotics experience was one that transformed us into more confident, responsible individuals. VEX changed the way we saw ourselves.



We have several different designs, some of which have failed and some of which have worked. However, going through VEX has taught us that nothing in robotics is ever "finished." Everything can be improved further, and anyone ready to work hard and face failure can improve it. When people come together to work towards a common interest, it doesn't matter what kind of background they have.