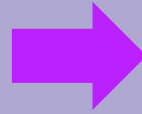
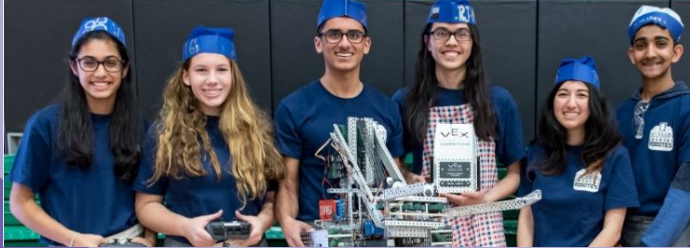


Origin Story

OUR 2694X TEAM



Three years ago, we had three team members Anna Spence, Michelle Manku, and Misha Seifi. During that year, they were on a co-ed team that did well and competed at worlds. The next year, they were assigned together on team 2496X to establish a safe team for beginners to learn and improve. This team consisted of 7 girls and 1 boy. From there, we continued their legacy...





What does “girl powered”
mean for us?

For us, girl-powered means
being treated and thought of
equally regardless of our gender!



How does that apply to our team?

Even though we are an all-girls team...

- We are chosen in alliances due to our skill as a team and not from pity (and vice versa... we are not rejected from alliances for our gender)
- We are treated as equals and are looked upon as competitors in competitions instead of that "group of girls."
- We are just as hardworking and reliable than any other team.
- OUR GENDER **EMPOWERS** US, IT **DOES NOT HINDER** US.





Our Diversity

HOW WE USE OUR TEAM DIVERSITY TO OUR ADVANTAGE



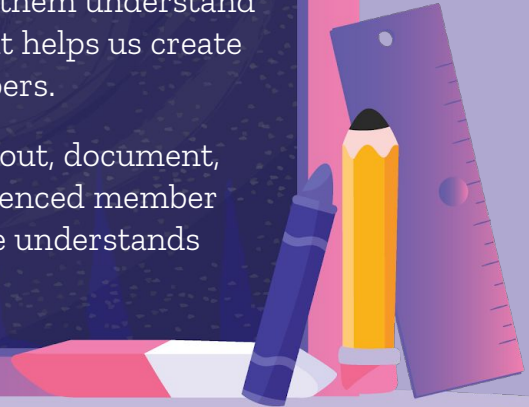
our strength in diversity

EXPERIENCE

We have a team full of people from varying degrees of experience from people who have been involved in VEX robotics for many years to people involved in VEX for the first time.

This is to our advantage as the more-experienced members have the opportunity to both teach and learn more about VEX while the learning members have guiding friends that help them understand the various complicated aspects of robotics. Also it helps us create a more inclusive environment for our team members.

Whenever our team does something (like build, scout, document, e.t.c), we make sure that we always have an experienced member working with a learning member so that everyone understands our team's progress and is on the same page.



Surabhi



Surabhi is the only senior on our team. This is her 5th year in VEX. She is involved a variety of parts like building, documentation, scouting, and helps program.

Meghana



Meghana is one of the three sophomores this year. This is her 3rd year in VEX. She is heavily involved in building and is a current coach on the drive team.

Megan



Megan is one of the two juniors this year. She has been in VEX for 4 of years. She builds various subsystems, cuts metal, and is a current coach on the drive team.

OUR EXPERIENCED MEMBERS

Shrishti



Shrishti is a sophomore on the team who has 4 years of VEX experience. She is our main programmer but is also involved building and documentation. At early season, she was a coach on drive team.

Elina



Elina is one of two freshmen on the team. She has 3 years of VEX experience from middle school. She helps with building, documentation, and scouting.

Haley



Haley is one of two freshmen on the team and has 3 years of VEX experience. She is involved with building, documentation, and scouting as well.

OUR EXPERIENCED MEMBERS

Emma



Emma is one of two juniors. This is her second year in VEX. She mainly helps build and document during meetings and scouting during tournaments.

Aliza



Aliza is currently a sophomore who is participating in VEX robotics for the first time this year. She is our driver but is also involved in building and documentation,

OUR LEARNING MEMBERS

our strength in diversity

PERSPECTIVE

Due to our variety in experience, we have often have differing views about various aspects which leads to long discussions considering all possibilities and justifying them.

For robot design:

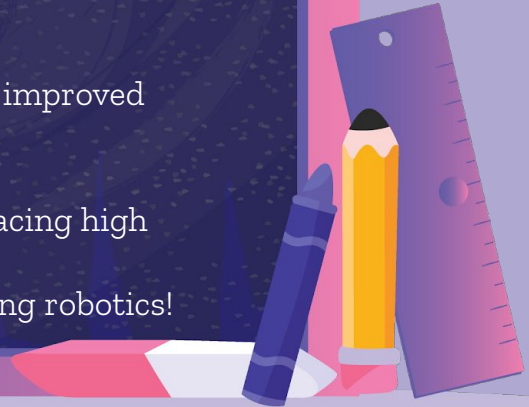
- More robot ideas/considerations
- Able to develop the best idea to the greatest extent

For team chemistry:

- More insightful discussions
- Teamwork and communication skills are improved
- Closer friendships are formed

For our success:

- Doing well this season by consistently placing high
- Qualifying for the state tournament
- Have a fun time with friends while learning robotics!

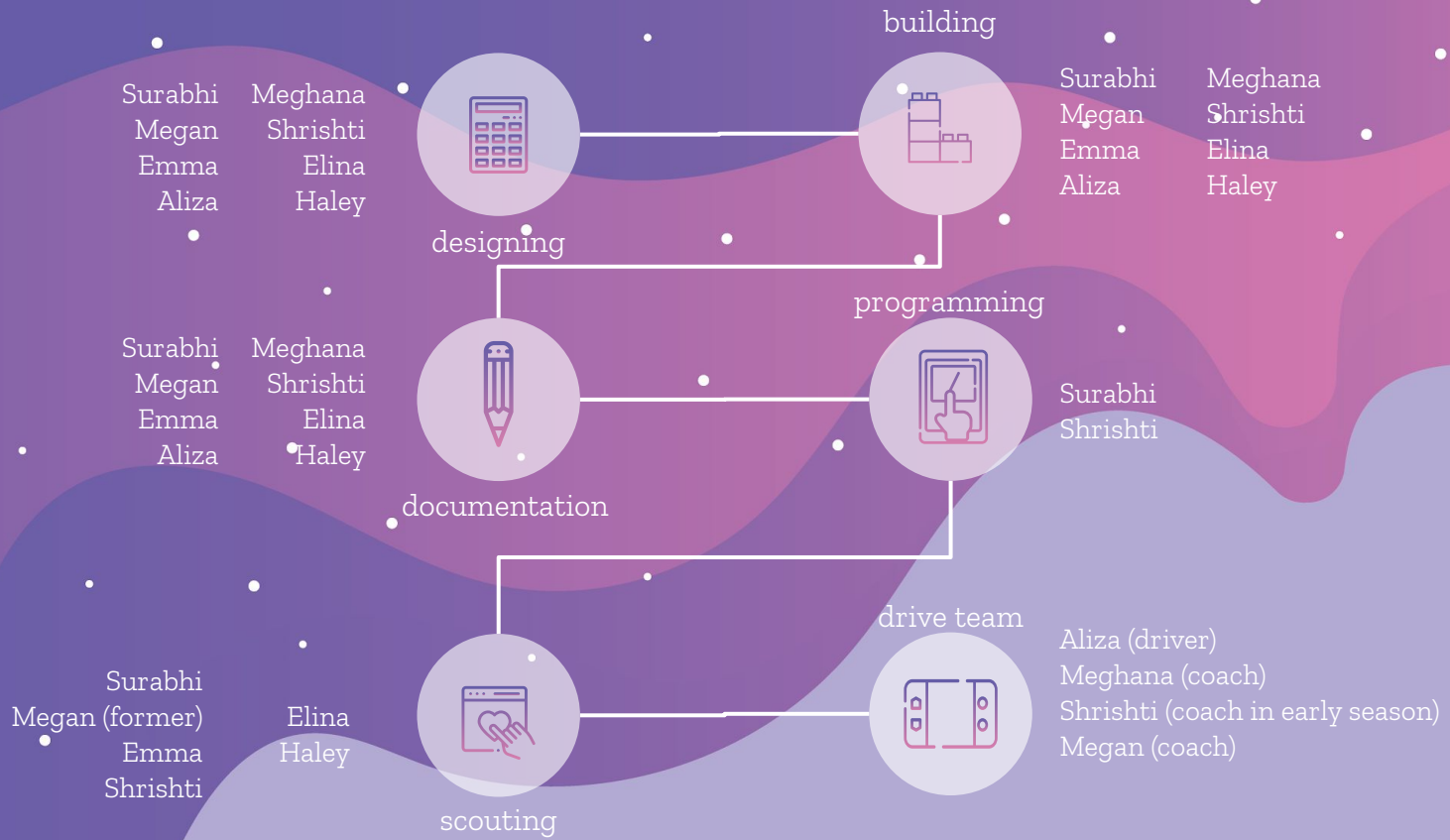


Gaining More Tools for Success

HOW WE CONSTANTLY STRIVE TO IMPROVE OURSELVES



ROLES



In order to be more well-rounded, we are constantly learning, trying various roles, and involved in as many aspects as possible.

Some Takeaways from Our Various Roles

Scouting -> Design/Build

From scouting, we are able to learn more about different robot designs and see them in action. From there, we are able to have more information when designing and prototyping our V2 robot. On top of that, we are able to know in advance any issues we may face.

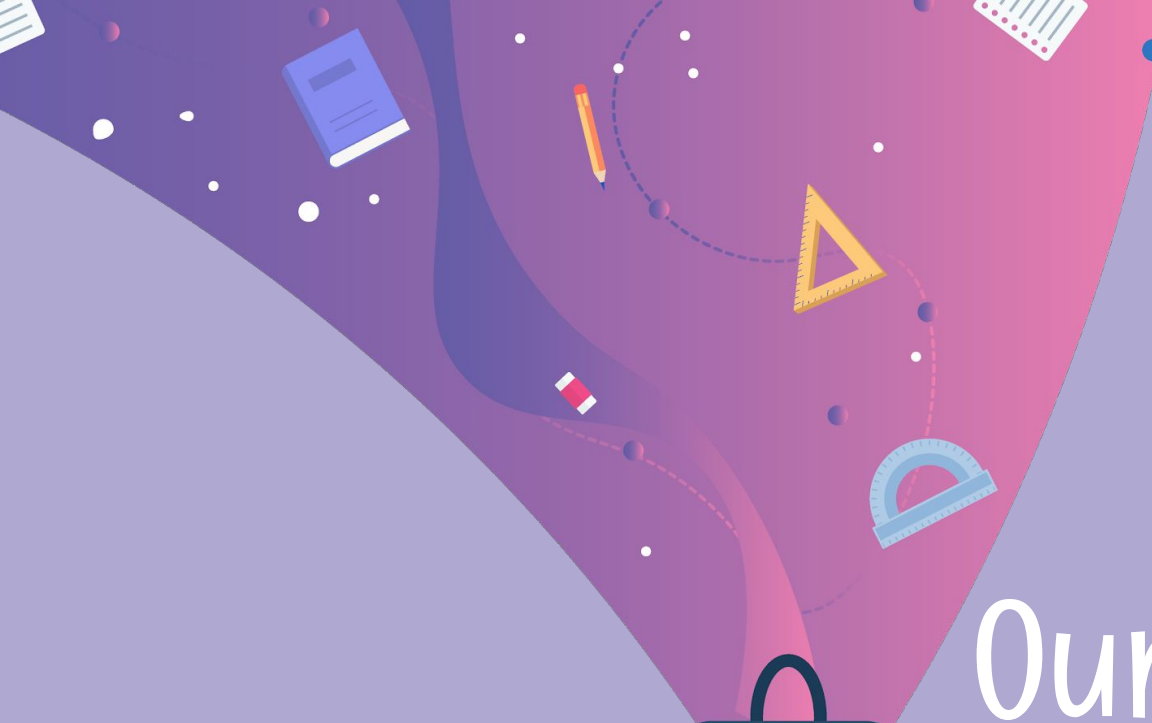
Documentation -> Drive Team

With the drive team documenting after each tournament, they are given the opportunity to reflect. This reflection allows more future improvements as drive team can pinpoint which drive strategies are beneficial in certain situations.

Design -> Build

With everyone involved in designing and brainstorming the different systems of the robot, we are able to have greater knowledge and flexibility when building the robot. With everyone's involvement in designing, everyone understands each system, allowing us to have more flexible arrangements for building.

... ultimately we have learned that having various roles helps us improve in all aspects!



Our Role Model

THE PERSON THAT INSPIRES US TO BE THE BEST VERSIONS
OF OURSELVES



She founded our district robotics program, showing how anything is achievable with hard work.

She highlights how hard work is what defines someone and not their gender.

She is the example of how if one works hard to achieve a goal, then anything is possible and nothing can stop it.

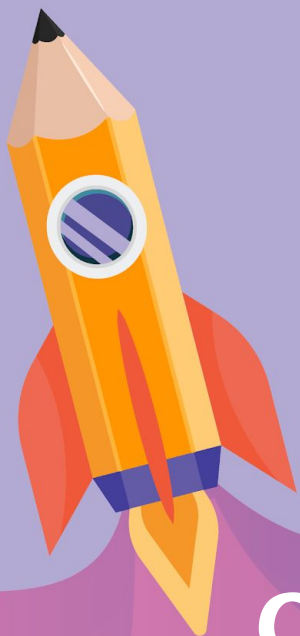


She is a role-model for all female participants in robotics at our district as she exemplifies how her gender empowers her.

She encourages participation from girls in our district's robotics program, making all girls feel welcome and not intimidated.

An interest in and passion for robotics is all that matters, allowing for a more inclusive environment.

MRS. WILLIAMS



SHOOTING FOR THE STARS

OUR NEXT STEPS

GOALS



Create a more inclusive environment within our program for all team members

Encourage more girls to get involved in not only robotics but in all STEAM fields

Be role models to young girls who may feel discouraged from being involved in STEAM activities

Be the change we want to see in the world!





The End

Credit Section

Entrants: Emma Jung

Registered Team Number: 2496X

Titled Submission: Girl Power is a Superpower

