



“We believe that girls should have dreams even if people consider it a ‘boy thing’.



Our team thinks the term, “Girl Powered”, means that a girl can achieve and accomplish anything as a boy can. Some members of society don’t think girls can achieve much, but we think they can. Girls can do anything they put their minds to. Humanity has certain stereotypes that are not true, such as; every girl’s favorite color is pink, all girls love nail polish and makeup, and many more. Girls all over the world have proven these stereotypes wrong and broken the glass ceilings over the years. We are all equal and we work with the same ‘can do’ attitude as anyone else in this world.



Our five team members, Chloe, Lily, Arya, Aanya, and Diya, are working on the robot.

“We want to build the confidence within us, as well as in kids around us to realize that women can do more, to pursue and be successful in STEAM careers.”

Women Role Models

We have some women leaders that we look up to. Some of these role models are Ruth Bader Ginsburg, Emma Watson, and Marie Curie. Let us tell you what they did to make us appreciate them so much. First up, Emma Watson was not only an actress, but she was a United Nations Women Goodwill Ambassador in July of 2014. She also was a supporter of the UN Women’s HeForShe campaign in promoting gender equality. Our other role model is Ruth Bader Ginsburg, who spent most of her career as an advocate for women's rights. She was a volunteer for the American Civil Liberties Union and a member of its board of directors. She passed away on September 18th, 2020. Another one of our role models was Marie Curie, who was a very smart physicist and chemist. She was also was one of the first to study radiation. She discovered the elements, polonium, and radium. She was awarded 2 Nobel Prizes; one in Chemistry and one in Physics. She passed away on July 4th, 1934. These role models are very powerful and prove a point in “Girl Powered!”; We aspire to do this too!

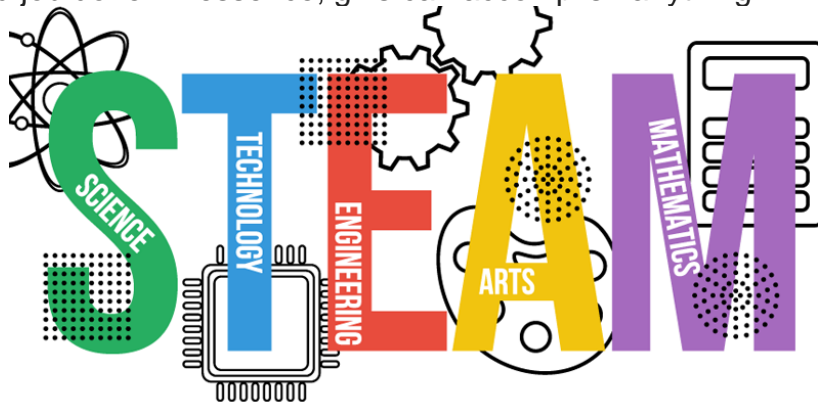


“We always value everyone’s talents.”



STEAM

Our all-girl robotics team has different interests and hobbies in the field of STEAM (science, technology, engineering, art, and math). We are a collaborative team of girls, and we know that one can't spell STEAM without a team. Lily likes engineering because you get to be creative with whatever you build, such as a tower built with Legos or building our VEX robot with different materials, such as metal, Omni wheels, bearing blocks, etc. Diya likes math because it is fun for her to learn different equations and expressions. She applies her math skills to our design by calculating the measurements of the robot. Aanya likes art because you can always be creative in ways of dancing, singing, painting, etc. She applies it to VEX Robotics by drawing designs of the robot. Arya likes technology and likes learning about computer science, which is programming, computer parts, machine learning, etc. Chloe likes science because she likes to experiment and try new things. She experimented with different parts of our robot and made something innovative and interesting with them. This shows our team that we should use these interests and make a unique robot. We learned that everyone has different hobbies and it doesn't matter if you are a boy, girl, etc. Our team has interests that bring us together as a collaborative and friendly team. We want to accomplish spreading the message in “Girl Powered” that girls can accomplish much more than they think they can and gender should not be the differentiating factor. Our team is trying to bring awareness that girls can do anything they put their mind to, such as robotics. It is never about being a girl or a boy; it is always about the drive and aspiration that is needed to think outside the box and get a good job done. In essence, girls can accomplish anything.



“SKY IS THE LIMIT”

Sky is the Limit

Girls can do anything boys can do. If it's ok for boys to make mistakes, like breaking a dish by accident, it should be ok for girls to do the same. Boys are told to do what they want and act goofy, while girls are told to hold it together and act neatly. This is unfair because girls don't get to play enough and do the things that are ok for boys to do. “Girl Powered” teach girls that they are just as good as boys and can do anything-- the sky's the limit! “Girl Powered” shows girls to try new things and step out of their comfort zone. Our team is inspired by “Girl Powered” because it encourages us to keep trying hard to succeed and reminds us that we can do anything and nothing can stop girls like us!



“We believe we can accomplish anything in the STEAM field.”

About our robotics team 90F

Our robotics team is made up of all girls. We all work very well together and we believe we can accomplish anything in the STEAM field. We are inspired to work hard to achieve what we want. Last, but not least, we want to be diverse in what we do and how girls can do different things. For example, some of our hobbies are different. Some of us like art, photography, music, and painting, and some of us also like building, architecture, computer science, and programming. We use these hobbies to work well together in synergy as a team. We split up into groups and some of us work on the robot, while some of our work on the notebook. We alternate these groups in every meeting, so everyone gets to try each role.

“Everyone deserves to try
and learn new things no
matter what gender they
are.”



Aanya, Chloe, and Arya are working on the Girl Powered essay



Chloe, Lily, and Diya are putting the rollers and motors together

Diversity

Our team comes from very diverse backgrounds and we know that it's some girls' dream to do robotics. Unfortunately, some girls can't do robotics because of their gender. One of our teammate's Aunt wanted to do robotics when she was a kid, but her father said no, because he thought girls are meant to stay in the kitchen or clean the house. We thought this was very unfair because girls should be able to pursue any aspirations of theirs. Everyone deserves to try and learn new things no matter what gender they are.



Overall

We love being a team with all girls because we all work in synergy and most importantly, we have fun and enjoy the whole process of designing and building the robot. From art and dancing to engineering and architecture, girls can achieve anything. We believe that girls should have dreams even if people consider it a “boy thing”. Nobody should be able to bring a girl down because of their gender. We strongly believe that girls deserve respect no matter what they do. We are a team, 90F Phoenix, and we are proud to be a “Girl Powered” team!

“In the future, there will be no women leaders. There will be leaders.”

- Sheryl Sandberg, COO Facebook





GIRL POWERED THE SKY IS THE LIMIT

TEAM 90F

Aanya D

Arya C

Chloe C

Diya L

Lily Z

“We believe that all girls can achieve their dreams and do what they want to do.”

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<https://www.forbes.com/profile/sheryl-sandberg/?sh=5118dc0158b6>

<https://www.eschoolnews.com/2020/10/22/5-simple-ways-to-integrate-steam-education-into-elementary-classrooms/>

<https://www.roboticseducation.org/girlpowered/>