



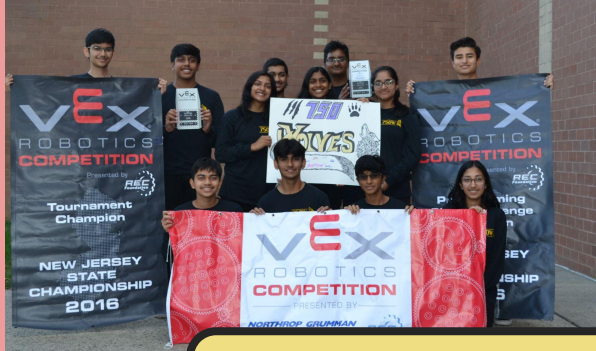
750W PRESENTS

GIRL POWERED:

 **The Tipping Point of Uex Robotics**

Created by Sam, Aashika, Prisha, and Rahi





HELLO!

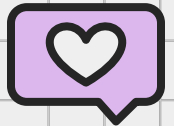
We are... 750 Wolves

We are one of six teams, SBCREW, from South Brunswick High School, a public high school in Monmouth Junction, New Jersey.





**We must have perseverance
and above all confidence in
ourselves. We must believe
that we are gifted for
something.**



— Marie Curie





Girl Powered: What is it?

“Girl Power” as we know it today is centered around confidence and the empowerment of young women.

To us, it means so much more!

Without women empowerment, a lot of things most people take for granted today would not exist. Specifically, we wouldn't even be able to join this team if not for women empowerment. It's safe enough to say, this world would be very different without girl powered. And that is something we can all agree on!

WHAT?



Girl Powered

Why is this important?

Today, many young women all over the world are still hesitant to pursue their dreams, mainly due to a lack of woman representation within their fields of interest. We believe that this is an issue that needs immediate attention.





Who we are

Sam



Sam is a junior, and is the Vice Captain of 750W.

Aashika



Aashika is a senior, and is a Main Builder of 750W.





Who we are

Prisha



Prisha is a freshman, and is a Notebook Co-Manager alongside Rahi.

Rahi



Rahi is a freshman, and is a Notebook Co-Manager alongside Prisha.



Our Team

Diversity in our team

On our team, four out of the twelve members are females. While contribution from female members is definitely appreciated, everyone part of 750W is given the opportunity and freedom to pitch their ideas: that is our TOP priority! With diversity comes various perspectives, and we believe that everyone has something they can contribute to a discussion or decision, regardless of their role on the team.



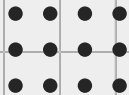
Our Team

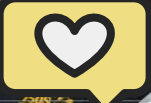
Our Roles

When it comes to roles, we never have any strict positions. Anyone on the team is allowed to help out wherever they can! For example, Rahi and Prisha, the new recruits, have both helped out with brainstorming autonomous functions as well as building some parts of the robot! Aashika and Samyutha have also expanded their horizons and explored other roles too!

Two minds work better than one!

Our team strongly believes that anything is possible when we work together! This is why we generally explore different roles on the team. When one person is stuck on something, whether it be debugging a piece of code or fixing a function on the robot, we believe that having someone else look over the work provides a fresh perspective and take, which will benefit our team as a whole!





THAT'S US!
(AT THE TOP)





Our Girl Powered Event at the Middle School



How have we contributed?

Girl Powered Event!

Our team, along with 750S, organized a Girl Powered Event at the local middle school. Some members from 750C and 750R helped out as well. Around 30 girls attended the event! The purpose of this event was to inspire the girls and help them gain interest in areas of STEM.

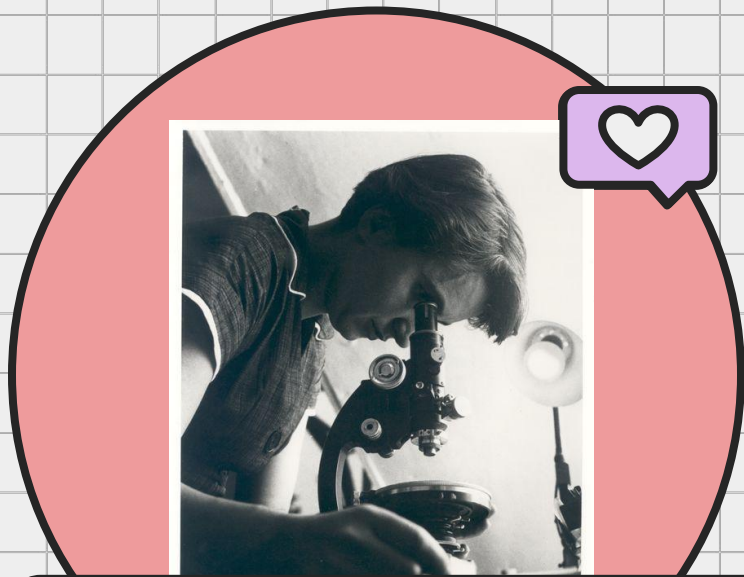


How have we contributed?

Girl Powered Event! Cont.

We started off our event with showing the girls an Amazon tour, which introduced them to the possibilities of artificial intelligence. Next, we introduced the girls to various VEX parts to help them get a feel for what we do in our club, and played a Kahoot! Finally, we taught them how to make paper circuit greeting cards!





Rosalind Franklin

OUR ROLE MODEL!



Who was Rosalind Franklin?

Rosalind Franklin was a chemist during the mid-20th century!

Her central contribution to the scientific community was a X-ray diffraction image that she took. This image allowed her to conclude the double helix shape of DNA, which set the foundation for HUNDREDS of other research projects!

"Rosalind Franklin Was so Much More than the 'Wronged Heroine' of DNA." *Nature News*, Nature Publishing Group, 21 July 2020, <https://www.nature.com/articles/d41586-020-02144-4>.



Rosalind Franklin

Her impact

Franklin, unfortunately, had her work stolen and was only credited for her work after her death; nevertheless, she has made an everlasting impact on the field of science since. She has definitely made an impact on us, however: she shows us how being more inclusive within our team can bring us a long way!



Ellen Elliott, Ph.D. "Women in Science: Remembering Rosalind Franklin." *The Jackson Laboratory*, <https://www.jax.org/news-and-insights/jax-blog/2016/july/women-in-science-rosalind-franklin>.



In Conclusion...

To sum it up, women empowerment is a topic that should be strongly encouraged by everyone today. Women all across the world are changing our world for the better and making a difference. Plus, the more the merrier! As Rosalind Franklin once said, "What's the use of doing all this work if we don't get some fun out of this?"

"20 Best Rosalind Franklin Quotes from the Famous English Chemist." *Free Ideas For Family Fun & Learning*, <https://kidadl.com/articles/best-rosalind-franklin-quotes-from-the-famous-english-chemist>.

