



Girl Powered: A Lasting Impact

7983W

History of W



2018-2019: *Girl Powered Era*

Our all girls team came together for an unexpected season that year to say the least. We were the new, only all-girls team, with limited knowledge as we came from different teams where the boys had dominated last year, and a new complex game in front of us. Our peers didn't expect a lot from us, but we wanted to prove them wrong. We felt overwhelmed at first.

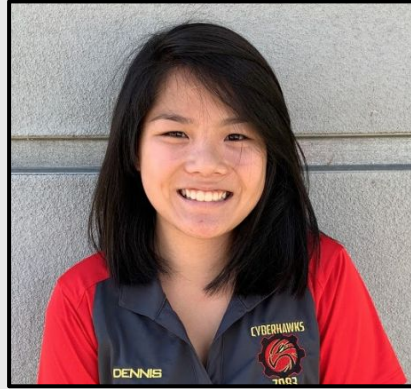


Though we struggled throughout the season, our hard work paid off.

As an all-girls team, 7983W earned 6 awards including 3 Design Awards, a Build Award, a Sportsmanship Award, and the Girl Powered Award.



Our Team



Olivia: Builder and Notebook, she loves being creative and exploring different build possibilities.



Sara: Builder and programmer, she likes the ambition and teamwork aspects of robotics.

Our Team



Kenna: Notebook, she is skilled in design and management, and loves to create.



Mikael: The driver for our team, he is able to handle the pressures that come with it.



Elias: Our main programmer, he enjoys problem solving and writing autonomous.

Our Team



Our Efforts

For the past two years, our school has hosted an International Day of the Girl Event with the help of the Society of Women Engineers Club on Campus. Olivia is the President, while Sara is the club Historian. At this event, our goal is to reach out to middle school and elementary aged girls and act as mentors, introducing them to STEM and all of the opportunities that come with it.

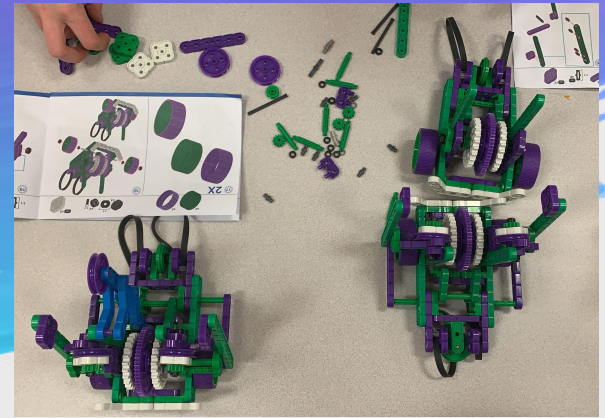


The Impact

Our goal is to help inspire younger women to take interest in STEAM, and to encourage them to pursue related courses and careers.



We give them the opportunity to become involved with PLTW, explore their passions, and further their interests.



How we want GP to grow

Though our International Day of the Girl Event has been successful in expanding STEM, we aim to grow our program and impact.

By partnering with a local college and other SWE clubs and hosting another Girl Powered Event, our goal of expanding Girl Powered could be met.



How Girl Powered Impacted Us

We may not be on an all girls team, but we are destined to start the future with communication and collaboration skills that we may not have experienced without a new team. Its difficult working with guys who have different perspectives and ideas, and meshing both male and female minds can be hard. We've learned that though it may be hard, when it is your passion, you push through and always try your best to succeed as a team.



The End of an Era



As we are all seniors, the 2019-2020 season will be the last VEX Robotics Competition season for us. Our mission through the years of robotics has been to grow and learn from our experiences, and share our passion with others. We have had the honor to experience such leadership values and grow with the opportunities our robotics world and dynamics that have shaped us.

New Beginnings and the Future

Though it is our final year, it isn't the end of Girl Powered or all girls teams at Centennial. With the help of SWE and other girls in robotics, 7983W intends to help nurture and provide support for the next era of women in STEM. After all, the future is female and is full of opportunities.





The End



Team:



Centennial Cyberhawks 7983W



Team Members:



Olivia Dennis, Kenna Dinsdale,
Sara Herron, Elias Perez, Mikael
Vizcarra