# GIRL POWERED

A NEW NARRATIVE

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# Future Filled with Possibility



Girls can never be as good of an engineer as a man; STEM is too difficult for girls. This has been the cultural narrative that has permeated society for too many generations. 8787A brings a new narrative striving to be a voice that resonates loudly that gender is irrelevant. Our story begins with Girl Powered.

#### What is Girl Powered?

When we hear the phrase Girl Powered we think of providing equal opportunities and empowerment to future engineers. We believe it is a powerful initiative that can help unite the world in STEM education and create less bias towards gender.

"Diversity is what's going to change the world"-Girl Powered is the place start.

Girl Powered is about bringing everyone together through differences to make lasting connections.



### Taking Initiative

In order to help more students engage in new opportunities and be a part of the girl powered movement we host an annual girl powered conference, but this year we were pushed to do more. After all the seniors left we knew we had big shoes to fill this year. We hoped to not only continue their legacy they had left with girl powered but also to make even more of an impact. In October of this year we decided to dedicate a week to participating in girl powered conferences. Although it took countless hours of preparation and a lot of fundraising, seeing the young girls find a new passion and confidence was extremely rewarding. Being able to see how at one point we were one of them and now we are leading the presentations shows how influential girl powered can be.





### Changing the Status Quo One Girl at a Time

The first conference we started small by only inviting members of our school campus. After, we began to think much bigger. Our borderland city of El Paso offers a unique culture. We reached out to teams in Juarez right on the other side of the border to join us in our conference. The next conferences that followed we came together with other schools in our community. At every conference, we presented how to build, program, CAD, and design a notebook. Our goal at the end of the day is for each individual to have discovered something new. We hope these conferences can be a stepping point to find an interest and maintain it.



A person who believed in advocating for young girls to have the motivation to pursue STEM is Diana Segura. A week before accepting a job position at NASA, Diana spoke to us at our first girl powered conference of the year. She believes in the value of hard work and to never give into the fear of failure. When she was in high school attending Eastwood, she faced discrimination being a part of an all girls robotics team. It was uncommon at the time, but nevertheless her team persisted and won the Teamwork Award at the VEX worlds championship. Her story proves how success is achievable despite prejudice. All it takes is determination.

### A Role Model in STEM





#### The Face of STEM

This year with a majority of girls on the team, we have embraced the term "Girl Powered" more than ever before. Through the girl powered movement we have learned to be open to challenges presented to us rather than intimidated by them. This has furthered the development of our team's dynamic by driving us to recognize our strengths and work together to better our weaknesses. As a team we encourage one another to try various roles by establishing every role is important to our overall performance. New members are told to try new things and work beyond comfort zones. We make the most out of every opportunity and develop our talents by learning from eachother. Although we have roles that we excel in we still assist with other roles when needed.



## Reaching New Limits

With attempting every role on the team we learn anything you set your mind to is achievable. By challenging ourselves to gain more knowledge and skills we find an appreciation for teamwork and effective collaboration. Our team relationship has grown stronger than before allowing us to become dependent on each other. We know as a team we have the power to make change and achieve our goals.





### A Different Perspective

The most significant reason we work well as a team is because we all have different experiences and backgrounds providing us with diverse perspectives. From a new point of view an idea is often made even better than the original due to the fact that it allows for a creative outlook towards a problem. In programming, more times than desired when the program has a bug it is easier for another member on the team to find it. Diversity of perspective helps open up possibilities.



### ANEW NARATIVE

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