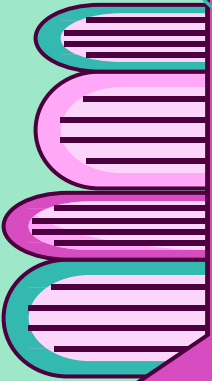
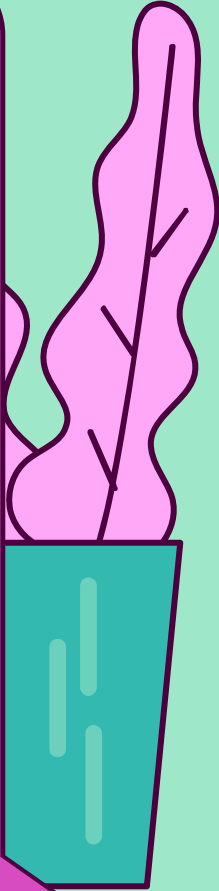




6627X Girl Powered

Written By Alexis, Sydney,
Zain, Zack, Charlie, and Arianna





01

Girl Power

What it means to us

Girl Power



As members of 6627X, we believe that the perspective brought to the table by our female teammates is invaluable. When we hear the phrase "Girl Power," we are immediately reminded of the importance of diversity and inclusion when constructing a team. This is what led to our even split of female and male members, and our overall largely diverse group. However, the strength behind "Girl Power" doesn't come from the words themselves, but rather from the people behind the phrase. We believe that the diversity of our team is part of the reason why we have been so successful.



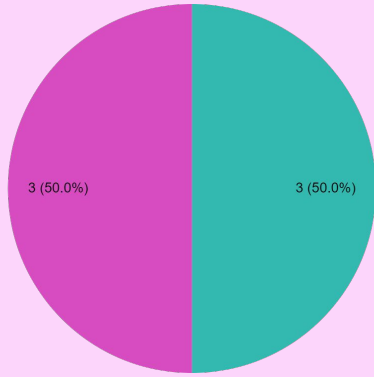
02

Taking Initiative

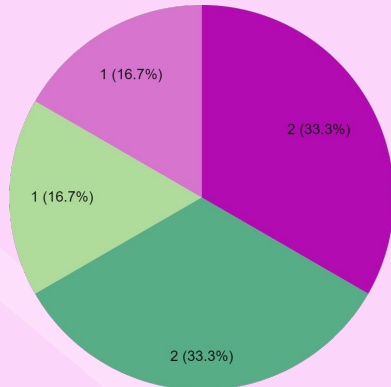
Working towards inclusion

Taking Initiative

Girls
Boys



Mexican
White
Middle Eastern
Asian



The robotics program at Foothill High has vowed never to reject an applicant. As budding engineers, we can vouch for the fact that the more seasoned Foothill teams have always made us feel extremely welcome and supported. These experienced teams that have come before us have set a standard of winning and we plan to continue to hold this standard for ourselves. This year, winning to us means achieving our goal of making it to Worlds and building a team, and robot, that we are proud of. The program promotes diversity without bias. In doing so, we operate under the belief that diversity is the mix and inclusion is making the mix work.



03

Team Dynamic

Experiencing all sides of robotics

Team Dynamic



Our team heavily encourages experiencing all of the different roles each of our team members employ at least once. We strongly believe that unconventional approaches to substantial problems can often be the best solutions, and that every person brings a different strength to the table. For example, our notebooker, Alexis, is often consulted when we experience a large building problem. Her ideas help to spark new building strategies and ultimately inspire some of our best builds. We have found that the often nurturing and optimistic female mind is unrivaled by any mental block experienced by the team. All six of our diverse minds put together to complete a task provides all of the puzzle pieces that we need for a complete picture of success.

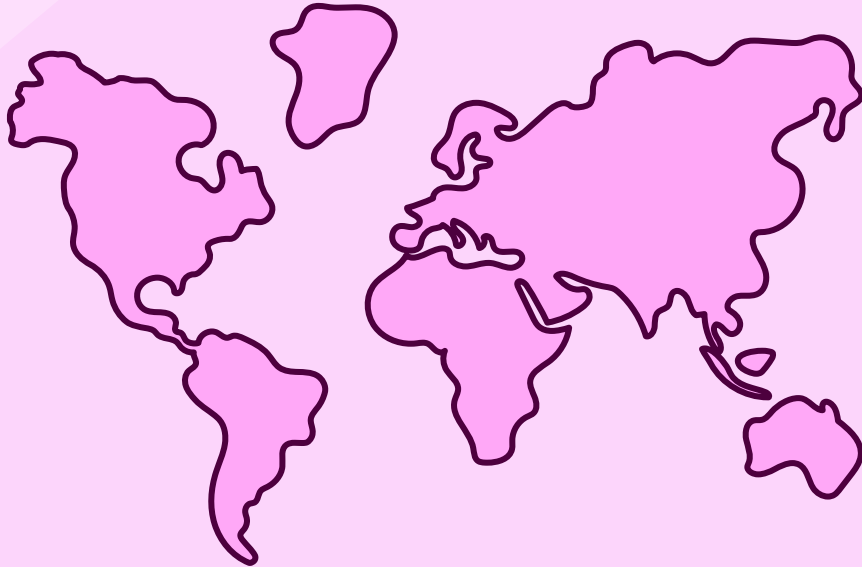


04

Diversity Driving Success

The strength of our differences

Diversity Driving Success



The success of our team can be attributed to numerous factors, however a majority of these can be pinned back to the chemistry of our team as a whole. One trait that we all share and value within each other is our strong work ethic which has majorly fueled our collective determination. On the other hand, our diverse views on different processes in the robotics world has lead us to success in different ways. All of our differing views on things as simple as the design process has brought about solutions that never would have arisen without the hard work of all six of our minds. In conclusion, all of our similarities and differences are both valued and utilized to the fullest extent..



05

Our Inspiration

Taking motivation from our mentors

Our Inspiration



One of our biggest role models is Christina Koch who is currently an active astronaut for NASA. One of her defining qualities is her aspiration to impact our knowledge of space through her extensive STEM background. Christina studied at North Carolina State University where she worked hard to earn degrees in multiple areas of both science and engineering. Koch recently set a record for the longest single spaceflight by a woman with a total of 328 days in space. The bravery and determination shown by Koch is nothing short of raw motivation for budding engineers like ourselves. It is revolutionary women like Christina who inspire us to keep driving forward and to leave our defining mark on the world.



05

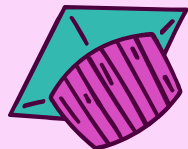
Our Final Verdict

What we've learned

Our Final Verdict

Although we are still young and learning, the opportunities that robotics offers us as young women are revolutionary. We are learning how to support each other, and work to achieve success as a community. Although our lives may occasionally feel like one big design process, or a cycle of trial and error to reach success, our mentors and friends are a major support system in our determination to reach our goals. We as the next generation of women are ready to take the world by storm and show just how strong we can be together.





Thank You For Reading!



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