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GIRL POWER CAMPAIGN

8838A Aphrodite

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★ Orchard Hills Middle School
Irvine, California ⋮





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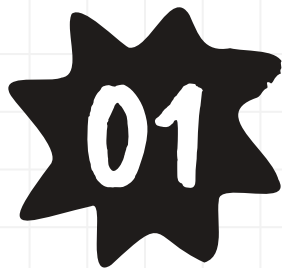
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OUR TEAM

Get to know the members of 8838A!



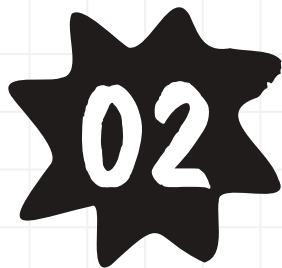
Hello! We are Robohawks team **8838A**
Aphrodite (L-R: Tanvi Shah, Ameli Sharipova,
Joyce Wen, Naomi Layupan, Aarna Mahale,
and Perneet Kaur). We are an all-girls
robotics team from Orchard Hills Middle
School in **Irvine, California**.

In robotics, we strive to inspire girls of all
different ages and backgrounds to be
involved in the future of STEM!



8838A





"GIRL POWERED"

An introduction to our team's perspective.

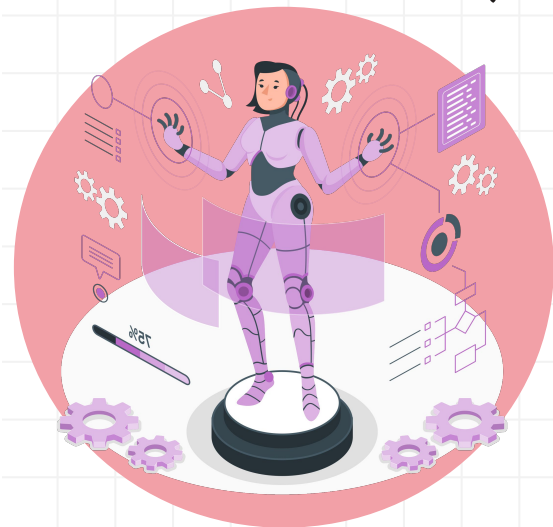


OUR IDEAS

How we understand the idea of “Girl Powered.”

Our team’s understanding of the main purpose of “Girl Powered” is about making a difference by **reshaping the standard gender norms** of society and **evolving from the traditional mindset** of limiting STEM career fields to certain groups.

We believe the aim of this motive is to **empower women** to pursue their STEM interests and **provide a more welcoming experience** for all in STEM.





MAKING A CHANGE



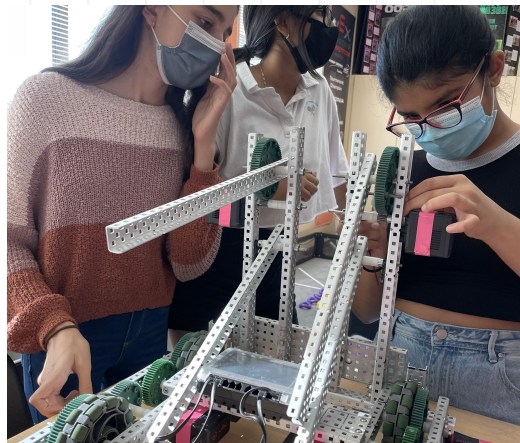
How we believe Girl Powered makes a difference.

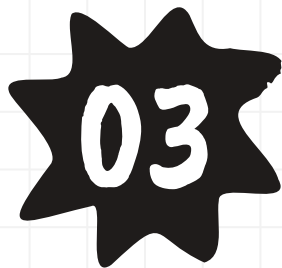


Years in history have proven that most industries and fields of occupation have been **male-dominated**, and with common acceptance of **gender stereotypes** in the workforce, this has had a significantly negative effect on women.



The Girl Powered campaign **challenges these stereotypes** in order to change this reality. Especially to young girls in the world just like us, the ideas in society are our standards. That is why Girl Powered prioritizes ensuring the important act of **setting a good example** for what we would like to see the next generations to become, including the world of STEM.





THE IMPACT

How this initiative empowers our team.



OUR TEAM APPROACH



How our team incorporates the ideas of Girl Powered that impact us.

As a team, we honor the ideas of Girl Powered by **treating each of our members equally** with kindness and **valuing our diversity and uniqueness** as individuals. We respect the knowledge, ideas, opinions, and voices of one another, and always have **growth mindsets**.



Our team is committed to **creating equal opportunities** for all, working towards **more diversity and inclusivity** in robotics, and **being an inspiration** to other girls in STEM to pursue their interests.



TEAM DIVERSITY

How our team is based on a diverse perspective.



EMBRACING OUR DIFFERENCES



How we value the diversity of our team.



As innovators, we strive to make robotics become the **epitome of our diverse world**. Because each of our members come from different backgrounds, we all have individual skills and expertise from our unique experiences. In our team, we create a more inclusive environment by **including everyone's voice and opinions** when we have different ideas that can each benefit us to achieve our goals.



DIVERSE PERSPECTIVES (1/2)



How diverse perspectives influence our team structure.



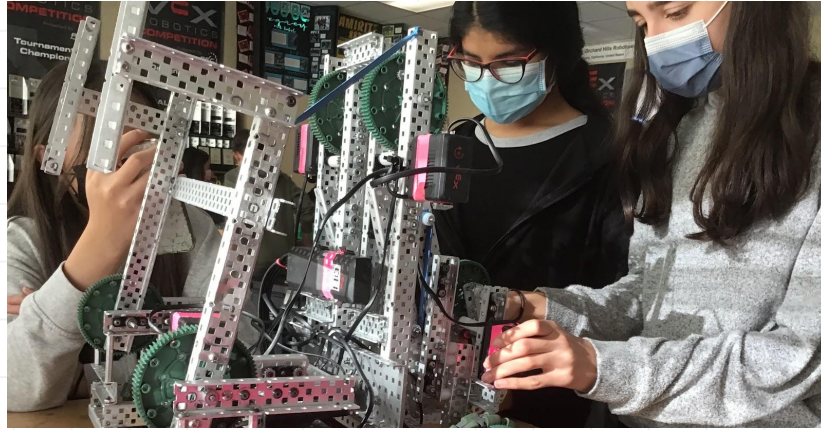
As STEM leaders, we empower the diversity of others. Our team's diversity stimulates the **creativity and innovation** of the robot designing process. From each of our **different backgrounds**, we all have our own knowledge and experiences to **contribute** to the team's success. As individuals, we each have our own **unique perspectives** on different experiences.



DIVERSE PERSPECTIVE (2/2)



How diverse perspectives influence our team structure.



Our open mindsets allow us to determine the best way to **approach challenges** and our ability to succeed by **incorporating each of these perspectives** into our strategies. With our **team chemistry**, we are able to better **understand and support** one another and communicate each of our ideas to the team.



TEAM ROLES

How we share responsibilities in our team.



TEAM INCLUSION



How we ensure that each member equally contributes to our team.



Being on a robotics team has many different meanings, and a few of the most important ideas are **collaborating, communicating, and learning** from our experiences in each of our roles. Throughout the early season, each of our teammates have experienced various roles on the team, such as **building, notebooking, driving, programming**, and many more.



From exploring each role, everyone is able to **learn from their experiences** and familiarize with the daily routine of our team. As a team, we are also able to determine which particular areas we were each most skilled in. This has been a significantly beneficial strategy for our team, as it has allowed us to **work more productively** and ensure that everyone has an **equal responsibility** to contribute to the team.





OUR INSPIRATION

All about our role model who inspires our team.



ADA LOVELACE

How our role model inspires us.

Meet **Augusta Ada King**, Countess of Lovelace (1815-1853): a brilliant English mathematician, writer, and the world's **first computer programmer**. As a female, Ada Lovelace made one of the most major advances in the history of technology when she discovered that a computer could follow a sequence of simple commands in order to perform a complex computation: **programming**—a technique **still used in modern engineering fields** such as robotics.

Ada Lovelace and all of her achievements have encouraged our team to **embrace ourselves** as girls in STEM. She inspires us to make an impact on the diversity and inclusivity of STEM fields and set an **inspiring example** for other girls in robotics.



CITATIONS

Freiberger, Paul A. "Ada Lovelace | Biography, Computer, & Facts." *Britannica*, 6 December 2021,
<https://www.britannica.com/biography/Ada-Lovelace>. Accessed 10 January 2022.

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