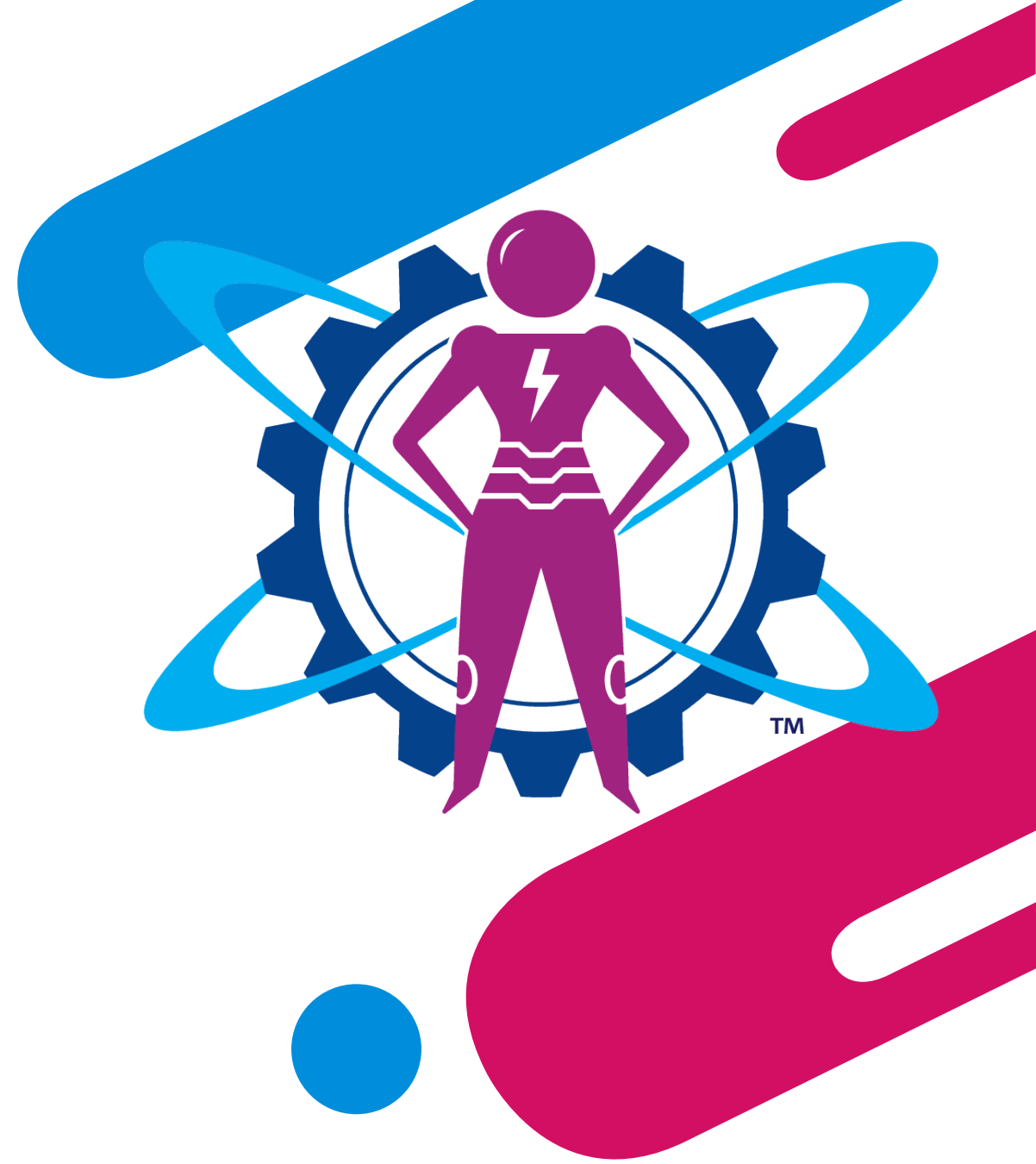


Girl⚡Powered®

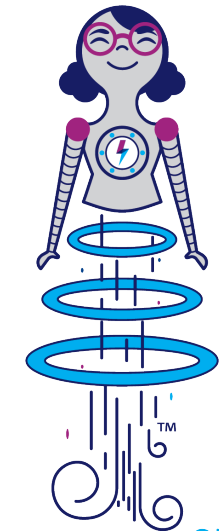
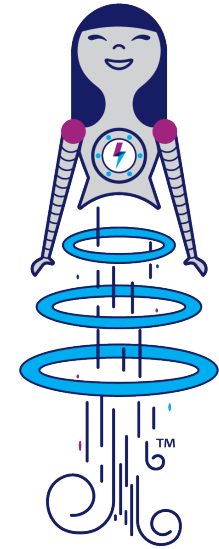
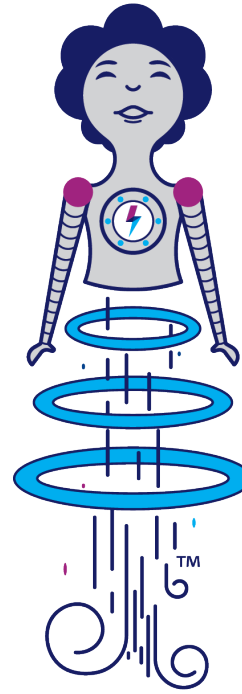
THE POWER IN GIRLS

TEAM 7700R

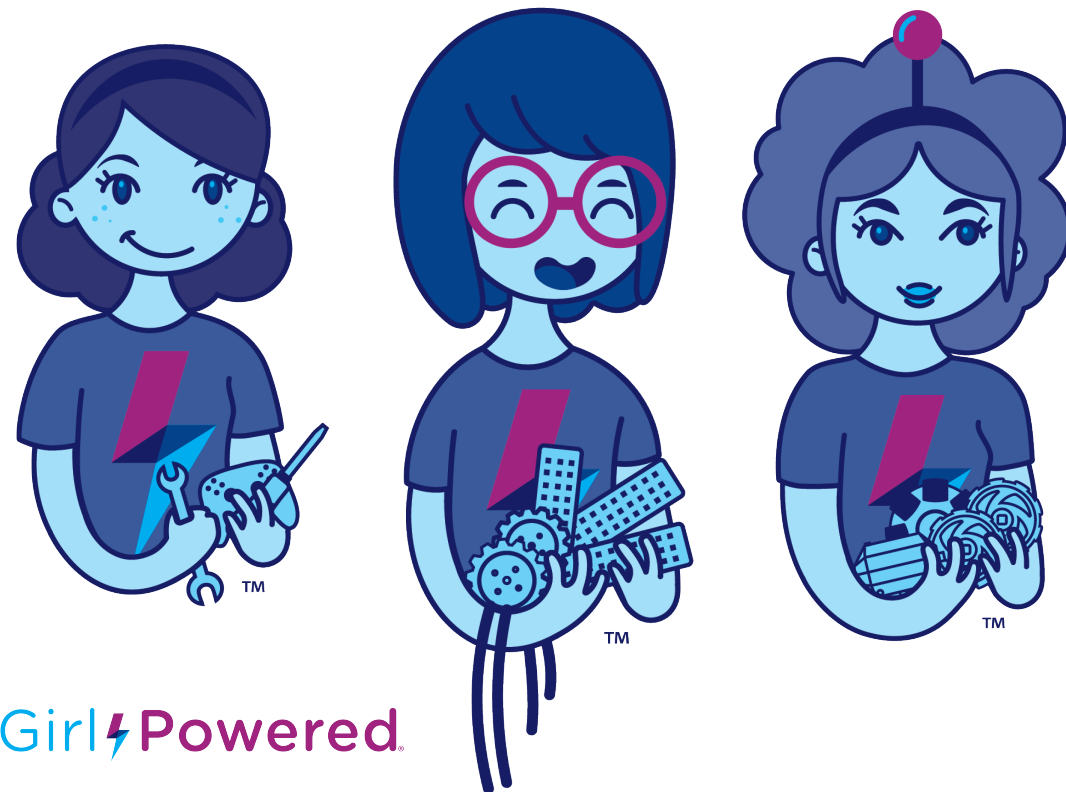


WHAT IS GIRL POWERED?

“An initiative encouraging new experiences, a diverse culture, and a more encompassing definition of what a roboticist looks like.”



Girl**⚡**Powered



Girl⚡Powered.


GIRL POWERED

To us, Girl Powered means giving equal support and encouragement to both boys and girls. We proudly represent this movement by being a half girl, half boy team. Everyone on our team is able to voice their opinions and ideas in contribution to the same goal: success. On our team, everyone has a different skillset, and because of this we are able to collaboratively come together to achieve our goal.

OUR STORY



Team 7700R was always a top-performing team with several appearances at the Vex World Championship. The current team is comprised of four girls and four boys because of the diverse environment at Rolling Robots. Having a team of both girls and boys creates a different team dynamic because everyone has a different perspective and point of view which allows our team to develop better ideas. We strive to live up to this legacy by doing our best in anyway we can and always working as hard as we can to reach our full potential.





Ethan Kurtz
Leader, Builder and
Driver



Victoria Tomozei
Builder and Driving
Coach



Aaron Jung
Programmer and
CADER



Hannah Kalantar
Notebook Manager



Yvonne Lou
Programmer



Sammy Socol
Notebook Manager



Samantha Chang
Programmer



Sean Stassi
Builder



GIRLS “TAKEOVER”



In VEX Robotics, especially, girls are becoming increasingly more apparent. Before, it used to be a rare sight to see a girl on a robotics team, but now girls are leading teams and winning tournaments. Rolling Robots Team 7700R represents the Girl Powered movement through hard work and ingenuity by building girls' talents and allowing them to express their passions. It's not only about the Girl Powered movement but also the power in girls. On our team, it is not just about “girl powered”, but about “girl power!”

OUR “INTAKE” ON ROBOTICS

Our team's approach to robotics is to learn to our full potential, grow as a team, and always strive to do our very best. We endeavor, regardless of gender, and as a result we succeed in creation and innovation in robotics.



REACHING OUR “GOAL ZONE”

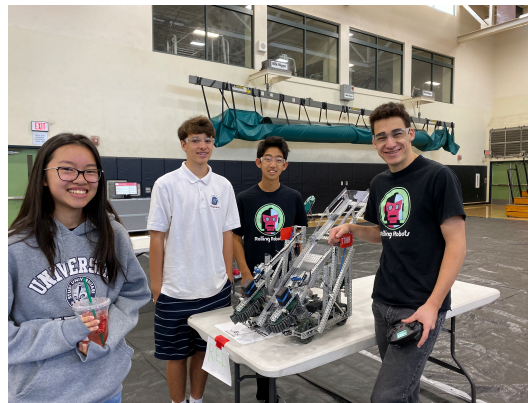
ROBOT DESIGN

The different perspectives and points of views our team brings to the table enables our team to design a robot that is efficient and well-optimized. Our robot is a combination of everyone's ideas so that it can be our team's very best.



TEAMWORK

Teamwork is strengthened when we learn from each other's opinions through our various points of view. When making decisions, everyone shares their different strategies and approaches. Together, our ideas are brought together to create a successful robot.



SUCCESS!

Our different perspectives, collaboration, and teamwork have contributed to various awards: An Excellence Award, 6 Tournament Champion Awards, and 5 Skills Champion Awards, and have led us to qualify for California State Championship.

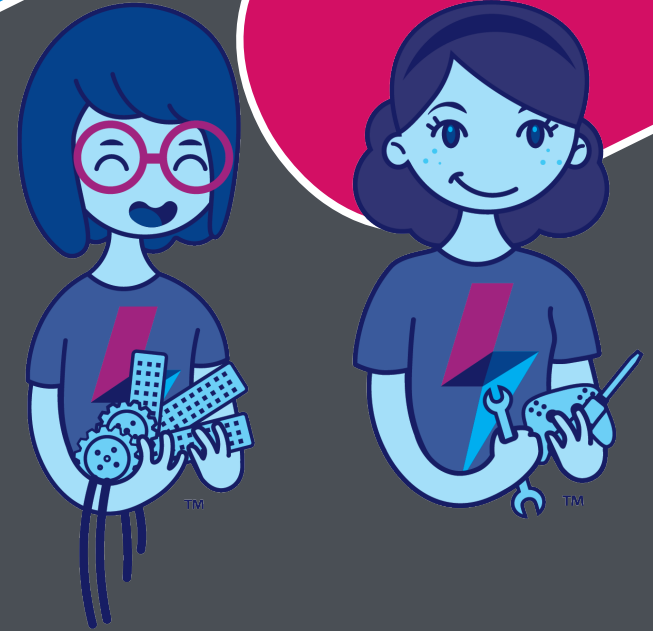


GIRL POWERED IN ACTION

In order to spread the Girl Powered movement, our team volunteers at several schools and non-profit organizations to remind girls that they are capable of anything they set their minds to. Additionally, we host summer and winter camps to teach kids in our community, especially girls, about STEM and robotics. Team 7700R strives to reach out to our community of young learners as we promote the importance of STEM.



By spreading the word about
Girl Powered, we encourage
more girls to take part in
STEM, generating diversity
in a male-dominated field.



Girl Powered.




OUR STEM ROLE MODEL: MS. BING

role model, leader, and inspiration

Ms. Bing helps us to learn to our full potential and follow our passions for STEM. After beginning her career in STEM as a Boeing engineer, she developed an interest in science education and created Rolling Robots - a robotics program with over 11 VEX competition teams and 3 locations and that teaches children as young as 4 years old how to build robotic creations. When mentoring teams, she empowers every team member, especially girls, and encourages us to do our best.

“My hope as a female leader in STEM education is that I can be a positive role model for all kids, especially girls, and that they can see, through me, to pursue their dreams and challenge themselves to take on things that look difficult, but have the potential and capability to do.”

- Ms. Bing



With people like Ms. Bing as a role model, the STEM world can value and employ the power in girls to make the world a better place.



“Technology needs women more than women need technology. There's a common notion that we want women to be involved because it's fair to women - we want women to be involved because it's fair to the world.”

- Woodie Flowers
(MIT engineering professor)

Girl⚡Powered®



THE POWER IN GIRLS

Author: Samantha Chang

Team: 7700R

Other Team Members: Ethan Kurtz,
Victoria Tomozei, Aaron Jung, Hannah Kalantar,
Sean Stassi, Yvonne Lou and Sammy Socol

