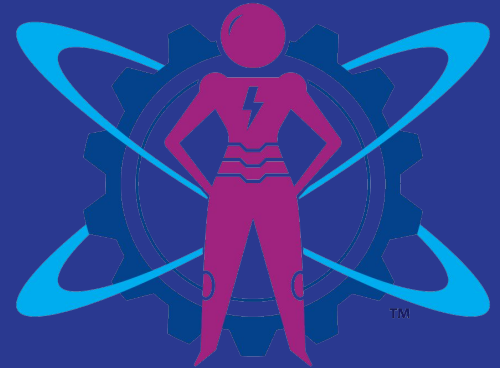


# R4 Robotics #GirlPowered #373



Team 373  
Created by Tori M



# What it means to be Girl Powered

When I think about the words “Girl Powered” I think about girls being leaders on a team and being involved.

I also think about the many girls in STEM who have achieved so much and inspire us. It is reflected in our team’s approach to robotics by making sure that girls have an active voice.

On R4, both girls and boys have an equal shot at leadership and giving their input in every step of the Engineering Design Process.

#Girl Powered #ProblemSolver #Innovator  
#TrailBlazer #Mentor



# #GirlPowered = #GirlsEmpowered

To me, the Girl Powered movement is encouraging all people to empower Girls in Science, Technology, Engineering, Math.....and of course VEX Robotics! It is about giving every girl an opportunity to learn and grow relationships and knowledge!



# Escape the Mundane of My Box



VEX Robotics allows team members have the opportunity to try things they never dreamt of....to innovate and solve real world problems.

Robotics challenges girls who have built up walls to create a safe box the opportunity to be more. Being committed to #GirlPowered helps us to create a space that is safe where we are empowered to impact change.

It gives us courage to break out of the walls that we have put up. When we do break down these walls, we are presented with new opportunities to grow!

#WorldChanger #Empowered #Courage #BreakFree  
#WallCrusher #Champion





# Diversity, Equity

When you first hear the word “diversity” you may think of ethnicity, but in STEM that is not always what we mean. Our diversity comes from our team having girls and boys, rural and city, young and old, expert and novice, gifted and struggling all involved as active problem-solvers and creators.

It also comes from reaching out to those who may not have opportunities to join a robotics team. We believe that having this diversity helps us succeed in many ways by giving us different perspectives on problems we are trying to solve. It helps to create equity and builds a more inclusive community that benefits everyone.



# And Inclusion



Robotics opens the door to include everyone....regardless of their ability there is a way to get them involved in learning. Some of our best team memories come from teaching others and sharing our passion in robotics with everyone

# Girl Powered Outreaches and Events



At R4, we do everything we can to invite both girls and boys of all ages to get involved in STEM. We host many events that give students the chance to get involved.

An outreach we have hosted was called Battling Bots. At this outreach, we were given the opportunity to teach kids about VEX IQ. This outreach gave the students the opportunity to be creative, test their design ideas and compete with robots in an augmented reality environment.

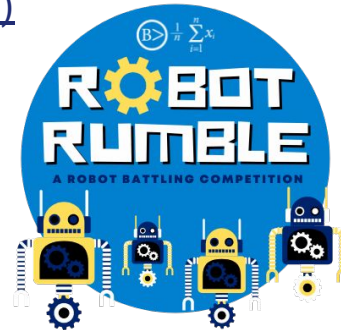
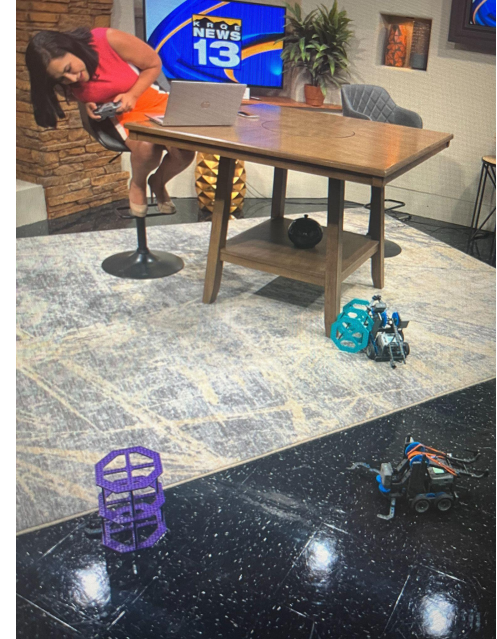
Families traveled from nearly 2 hours away to participate and experience this unique opportunity.

# Girl Powered Outreaches and Events

One more event we hosted was called Robot Rumble. We hosted this event at the mall in hopes that it would inspire girls to join us. At this event, we used VEX IQ as a platform to engage students ages 6-17. This was a great way for us to serve our community as well as expanding the diversity of kids that could participate.

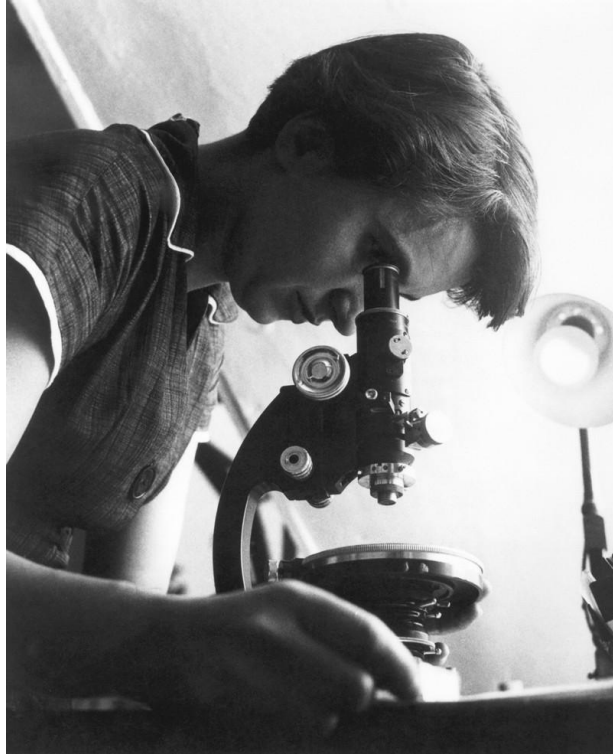
Check out the news story about the event!

[Cottonwood Mall hosts robot competition \(krqe.com\)](http://krqe.com)





# Rosalind Franklin - Role Model and Mentor



My STEM role model is Rosalind Franklin.

She is the person who discovered DNA's molecular structure. She does not get credit for this discovery though. People had stolen her idea and got it published before she could.

Regardless of this though, she never gave up. People had tried for a long time to find DNA's molecular structure and all had failed before her.

She inspires me to never give up, important #GirlPowered and #R4 values.



# Anyone can be a Robotacist!

As a member of VEX VRC team 373, my experience has encouraged me to try new things, be courageous, invite others to be a part of the team, welcome new experiences and include others.

I share my experiences and story with others in order to help them create a new definition of what a robotacist looks like and encourage them to take part in the life changing experience of competitive robotics.

Unlike my favorite sports, anyone can go pro in robotics. All it takes is a willingness to learn and reaching out to a mentor.

What does a robotacist look like? Like me....and you. We are no longer limited by our gender, skin color, where we live or how old we are. Today, anyone can be a robotacist!



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