

Girl Powered Challenge



A Robotics Documentary of the Power in Girls

Who Do Engineering

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Girl Powered Challenge

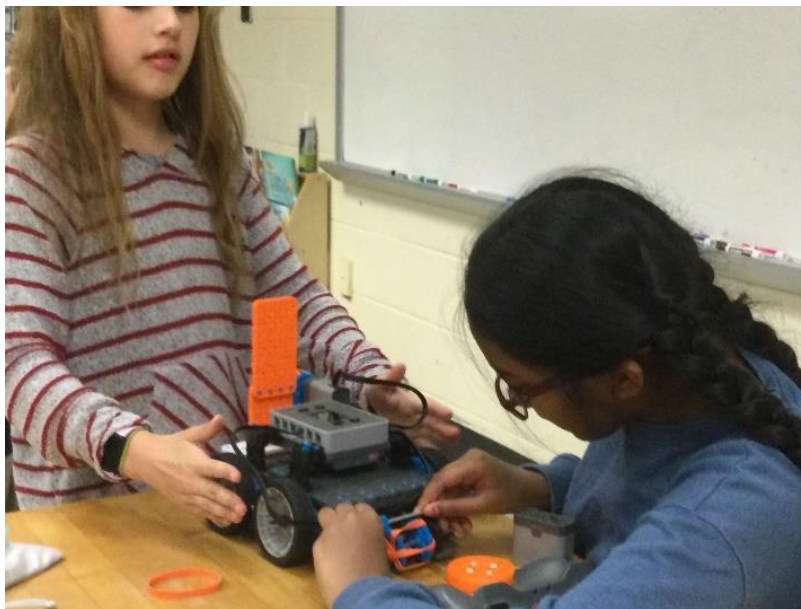
A Robotics Documentary of the Power in Girls

Who Do Engineering

When we hear the phrase “Girl Powered”, we think of all the incredible things girls can accomplish, and that girls can lead jobs that have often been denied them. We think that girls can rule the world with everything they have in them. This affects our robotics team because we know we can do it and meet our goals. The words “girl powered” can be a good reminder to tell us that anything we do can help our robot, even if we need to get creative to find ways to use it.

Everyone on our team has tried to contribute to our robot. We all have a role for building our robot. We designed, built our drivetrain, launcher, endgame, and ways to remove disks from the dispensers. This was not the best way to build our bot because we couldn't understand how to make our own creative designs and ask our teammates for help. Once we asked them for help, they would help us, but then they would completely take over our job. Our team has come a long way in robotics, but we still have so much more to go.

We think every second fills us with more knowledge of robotics, and that knowledge will give us opportunities throughout the robotics year. Not only does robotics help sportsmanship, but it also helps us learn.



An inclusive environment includes both girl and boy engineers, the right to learn together, different cultures but same team, learning from others, girls being in robotics is inclusive, and different ages. This

is important to us because our entire team has distinct cultural backgrounds. Prajna's family is from India, bilingual and she's Hindu. Ansley is French American and she's a Christian. Amalia is Latin/American, bilingual and she is Christian. Daisy is Chinese/Asian. We all come from diverse backgrounds and religions, and this makes our group stronger and a more powerful team because we all know different things.



Our different ideas can make our robot more powerful. A few ways these ideas help us are showing the team that our creativity is different for all of us and they create more possibilities to use if we need something essential on our robot. We all commit to something big for our growing bot, and those are times where our ideas really come into play.

Cynthia Breazeal inspires us because she uses robots to change the world. She made a robot called Huggable which helps emotionally

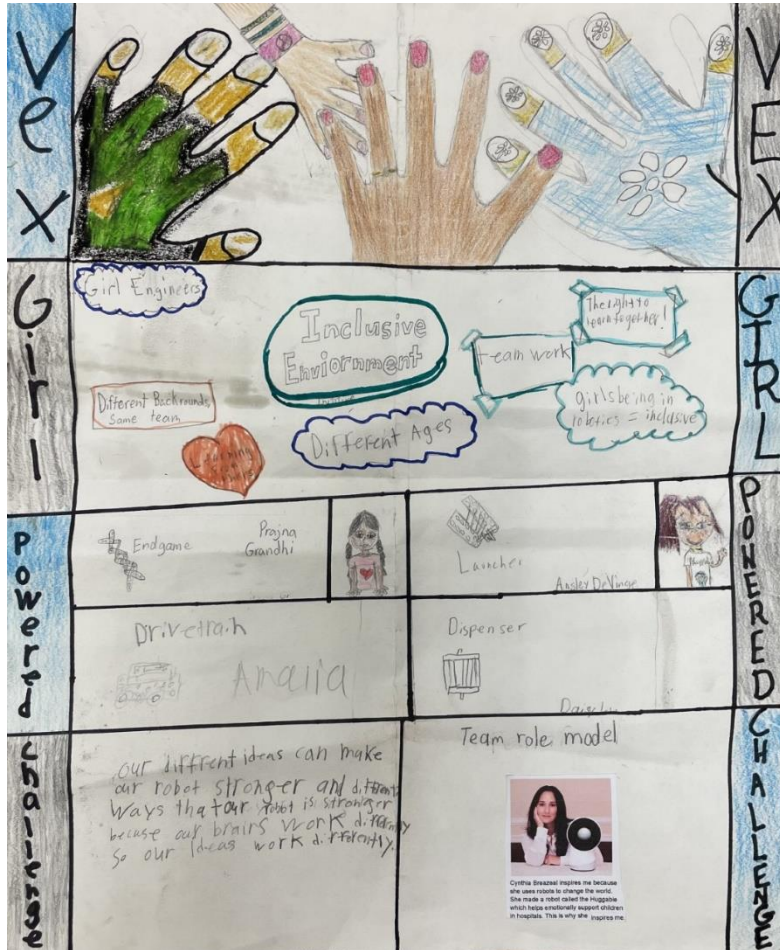
support children in hospitals. Cynthia's parents are both scientists. Because of this, she was able to start in computer science and engineering at an early age. This relates to our team because we also got into the field of engineering in the form of Robotics at a young age. Cynthia has written many books on the topic of Robotics. These are some big reasons she inspires our robotics team.



Girl Powered is the perfect challenge for us because we understand what it means. Girl Powered is when girls put all their effort into what they do, and they don't give up if something goes wrong. They just try again and try new ways to do the absolute best they can. Sometimes, people underestimate girls, and we can show they can do anything if they commit to it.



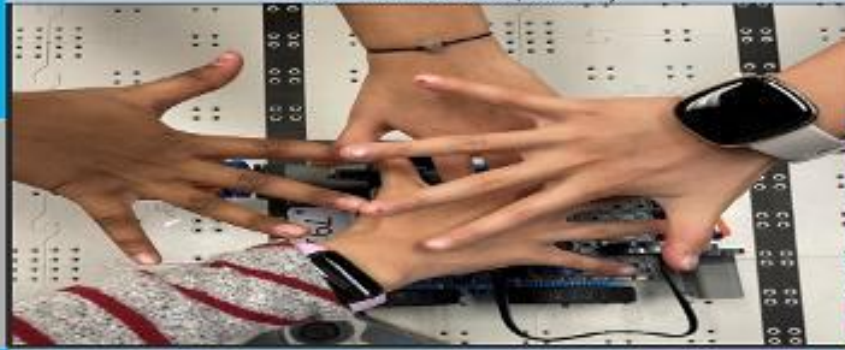
This is the first digital iteration for our big robotics online challenge, but then we got the idea to extend it and make a girls' recruitment poster because we want to encourage even more girls to join VEX and help make a change for good our school's robotics club.



Robotics Team (79198)

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Our different ideas can make our robot stronger and the different ways that our robot is stronger is because our brains work differently, so our ideas work differently.



Team Role Model
Cynthia Breazeal inspires us because she uses robots to change the world. She made a robot called Huggable which emotionally supports children in hospitals.

These are our citations for our inspiration: Cynthia Breazeal

Citations

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