

DR. L. PORTER ELEMENTARY SCHOOL



Everyone is a superhero!
They just may not realize it yet. Everyone has a superpower! Each person has talents and abilities that make him or her shine.
The talents may be hidden.



Our robotics team has taken the initiative to create a more inclusive environment that attracts a diverse group of students. The GLP TransPorter Team believes that everyone should be given the chance to show off these superpowers. Our team has accepted members of all races, backgrounds, and special gifts. Our team has members who have learning disabilities, attention deficit disorder, exceptional gifted learners, English as a second language learners, among others. Our school is an autistic center.

Dr. Gilbert L. Porter Elementary School team members encourage all students to participate. Students become buddies and mentor other team members. "Girl Powered" has become an important part of our team. Mathy, a girl superhero is our mascot and motivates all students to display their superpowers, especially girls. The ideas, feelings and abilities of everyone matters. Combining our superpowers makes our team strong.

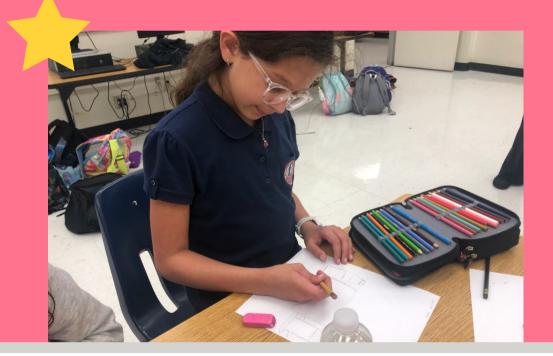


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"Girl Empowered" to me, means that girls have a super power. I believe that girls are empowered and prepared to do anything that boys can do. Girls are no longer good only in reading; they are also good in math, engineering, medicine, anything they are interested on. Our robotics team has definitely taken the "Girl Powered" initiative by encouraging girls to join the robotics club and motivating them to try things that we hadn't tried before.

Each member has been motivated to try different roles within the engineering process. We have tried designing and sketching the robot, taking in consideration the requirements of the game. We have experience building, choosing the right pieces, putting new connectors and sensors, making variations to the original design, by adding and taking parts that proved not to be productive.



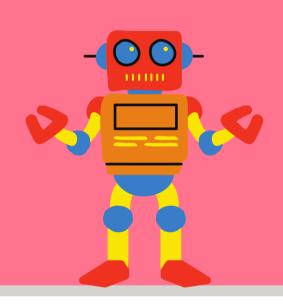


This is not a one person team. Due to covid, we have meeting only through zoom, but we know that we are ready for any challenges. We have build the stamina, strength and self sufficiency to be resilient to change and new challenges. Now we are facing the challenge of staying healthy during a pandemic. We participating in a district STEAM challenge and we designed our own personal superhero masks. We wrote about having a super power to combat Covid-19.

We have accepted all kinds of suggestions from our diverse robotic club members. Having Diversity of perspective has added a grand component in our robot design, our team chemistry has become more accepting and had learned how to handle communication issues and solve possible conflicts due to different personalities. Our ability to succeed has grown every year because we are open to every body's opinions, ideas, suggestions, to make our robot more efficient.









Our Stem role models are our third grade teachers who are all female and they have learned to code, build, and drive robots later in their teaching careers. The have shown us that Girls are empowered to do anything that they put their mind on.

CREDITS:
TITLE OF SUBMISSION: SUPER
MATHY
NAME OF ENTRANT: SOFIA
DELFINO
TEAM 54776A