

10142y

Honolulu, HI

Making a Change

By: Audrey, Waiwai, Lauren, Lyon, and Connor

Introduction

"Diversity." That word is one of the most important to ever be on earth. It is a powerful word, one that has inspired and uplifted hearts. One that explains the importance of everyone, and including everyone. In the dictionary, diversity means variety. But in life it means so much more than a different type. It means strength, perseverance, and including others. No matter your culture, gender, or name, the word diversity is for you.



Our Team

We are 10142Y, and we believe in diversity. We are all in fifth grade, and this is our second year in robotics. We know that every step toward a more inclusive world is important. We're starting with girls. Sometimes girls aren't given enough credit. They're pictured as weaker, worse, and not as important as boys. We know that isn't right. That's why we're making a change. This year things are changing. There are more girls than ever before at our organization!



Our team is as diverse as the colors of a rainbow!

A Team With Diversity

Waiwai is a driver and main documenter. She is Hawaiian, Caucasian, Filipino, Japanese, Chinese, American, and French. She enjoys soccer, volleyball, robotics, and spending time with family. She brings her strong determination to the team.

Connor is a main driver and documenter. He is full Japanese. He enjoys basketball, baseball, video games, and spending time with family. He brings his driving skills to the team.

Audrey is a main driver and documenter. She is Chinese, American, and Japanese. She enjoys hanging out with friends, robotics, axolotls, and recess. She brings her hard work and dedication to the team.

Lauren is a main programmer, documenter, and backup driver. She is Japanese, Chinese, American, and Vietnamese. She loves video games, Sanrio, her friends, the color sage green, and robotics. She brings her reliability to the team.

Lyon is a main programmer, documenter, and backup driver. He is Japanese, Portuguese, and Caucasian. He enjoys video games, axolotls, and hanging out with his friends. He brings his programming skills to the team.

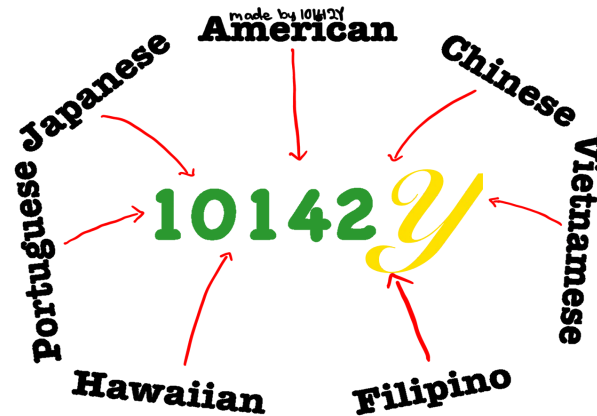


Table of Percentages of girls throughout the years at our organization

Year	Boys	Girls	% Of Girls
2013-2014	5	4	44.4%
2014-2015	5	1	16.6%
2015-2016	5	1	16.6%
2016-2017	8	2	20%
2017-2018	10	6	37.5%
2018-2019	11	8	42.4%
2019-2020	11	9	45%
2020-2021	9	8	47.2%
2021-2022	9	8	47.2%
2022-2023	7	11	61.6%

Girl Powered

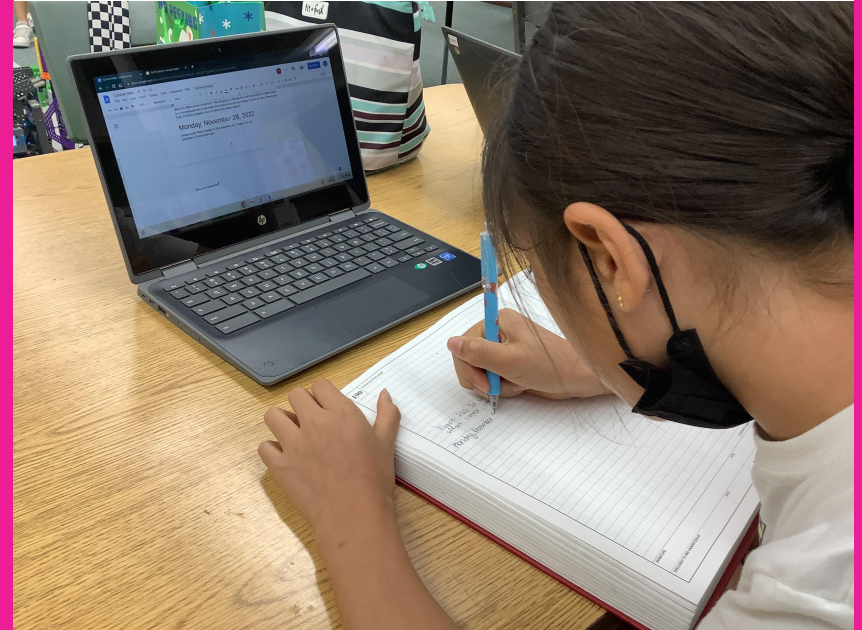
Girl powered. A phrase that has gone through generations, and risen above all. But, a question still remains. What exactly is girl powered? Well, we have an idea. When we think of being girl powered, we think of all the hard working people that try their best to make the world a better place. We think of the people who are constantly struggling in their fight for justice, and being ignored. We think of how we can make a difference.



Lyon and Lauren programming

Our Motivation

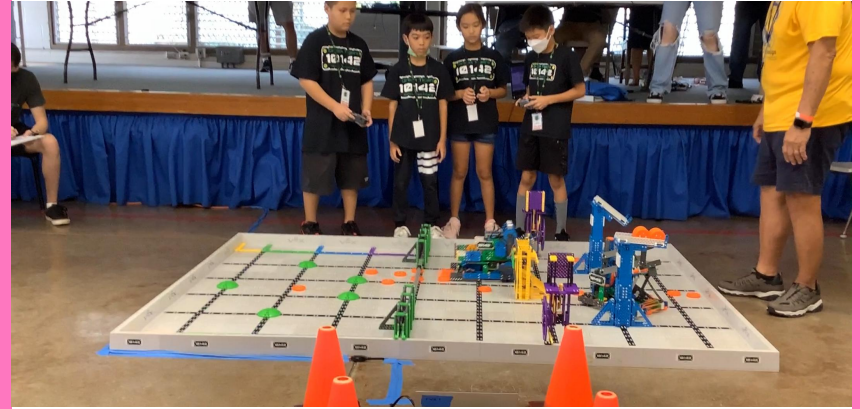
We know how wrong it is that some people have to be excluded, just because they look, talk, or act a certain way. That is more than wrong, it's evil. We know, every time we think of these forgotten voices, the world is just sitting and watching. People know that what's happening is wrong, but sometimes no one speaks up. We know that someone has to say something, and that's why we're trying to change things.



Waiwai documenting

Our Inclusive Environment

Our team supports diversity by taking initiative to create a more inclusive environment. For example, our team takes great leadership when attracting and including students. Our team takes initiative by creating a positive mind set to encourage others. We include diverse students no matter what their background or special conditions are. We also attract students by setting good examples, helping others, and just being ourselves.



Audrey and Connor driving

Everyone Tries Everything

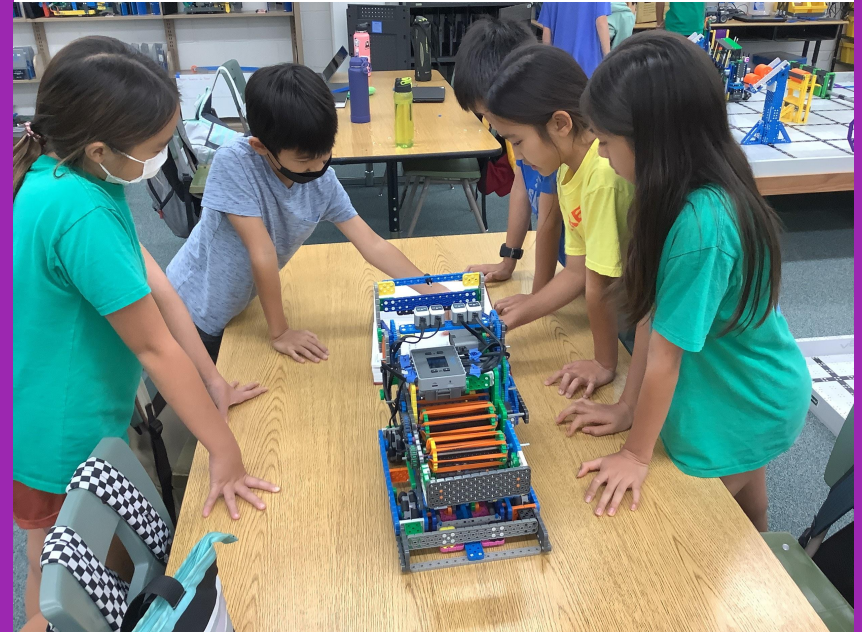
Our team members all build and design. But for driving, three of our members are main drivers. It's important, but everyone still is included as backup drivers. We make sure that the backup drivers drive too, they're not a backup driver without experience! Programming is learned in the beginning. Everyone tries programming, and sometimes other team member help too! Everyone works together as a team. It makes everyone included!



Connor and Lyon building

How Diversity Helps

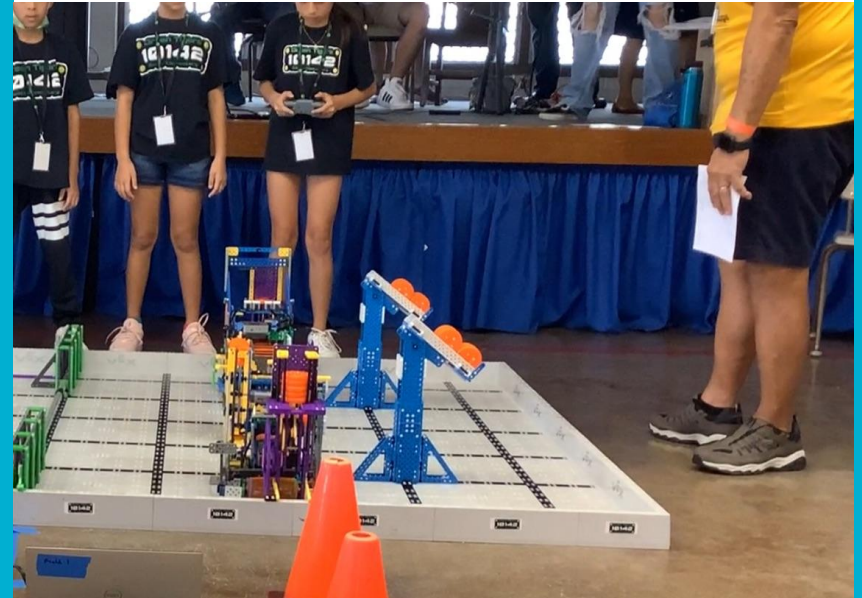
The diversity of perspective changes our robot by showing us that different ideas matter. It changes how much we can grow, along with our ideas and ability to change and become better. We know that when there are friends on the team, people should listen to everyone's ideas. Even though they have friends on the team, teammates have to be able to use someone else's idea if it's better.



Our team in a team meeting

We believe

We believe diversity between perspectives changes our robot design because everybody has their own idea and opinion, and our team doesn't discriminate against each other just because we have different opinions. Diversity between our team chemistry affects our teamwork because over the year, we came together and put our differences aside and just tried our best to work together. It also let us work faster because we wouldn't be arguing all the time.



Waiwai and Audrey driving

Our Stem Role Model

Helping to promote diversity is important. There are many ways to promote diversity, and one example is what Karen A. Peterson is doing. Karen A. Peterson is the CEO of National Girls Collaborative. NGC is a network of networks, an organization that connects different organizations that share the goal of encouraging girls in STEM.



Karen A. Peterson

Karen's Work

As CEO, Karen Peterson is interested in letting girls have the chance to learn about and participate in STEM activities. Her organization is an organization that creates different STEM experiences for girls to try. She saw a need for STEM opportunity, so she made something to help. She has helped 20.15 million girls and 9.5 million boys. She is an inspiration for everyone.



National Girls Collaborative logo

Conclusion

I hope now you understand how important diversity is important in a happy and positive community. One step at a time, we can work together to make the world a better place, where people can feel included and important wherever they go. Girls' rights are only a chunk of the bigger problem. You can help , just with one small act of kindness. If you truly believe in diversity, you know what the right thing to do is. You can change minds, make a difference, and spread the message of diversity everywhere.



Our team at 2022 World's



Let's diversify the
world together!

Credits

10142Y

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Written by: Audrey, Connor, Lyon, Waiwai, Lauren

Research from: <https://ngcproject.org/karen-peterson>

Drawings and photographs from:

Slide: 3, 5, 7, 8, 9, 10, 11, and 12 images from 10142Y

Slide 2 image from

https://www.freepik.com/premium-vector/hands-people-different-skin-colors-are-drawn-planet-earth_25472199.htm

Credits (Continued)

Slide 13 image from <https://www.uschamberfoundation.org/bio/karen-peterson>

Slide 14 image from <https://blog.isa.org/spotlight-on-stem-diversity-and-inclusion-work-the-national-girls-collaborative-project>

Slide 15 image from <https://www.manoaschool.com/>