TEAM 76326C
GIRL POWERED

Shark Bot

CORA

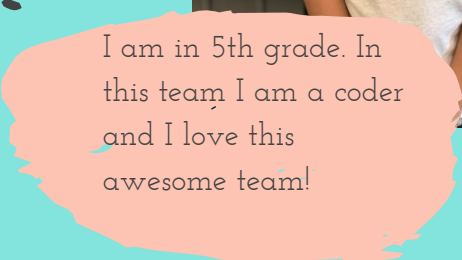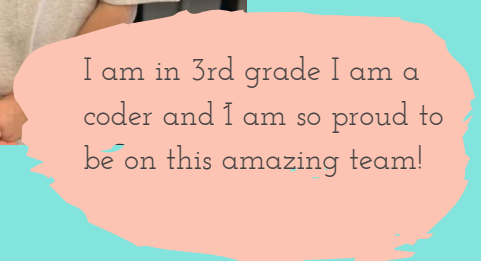**ISABELLA**

I am in 5th grade. In this team I am a coder and I love this awesome team!

I am in 3rd grade I am a coder and I am so proud to be on this amazing team!

01

ABOUT US

One thing about us is that we are both creative. We also love art, math, reading, coding, and robotics.

03

Our GOALS

Our goals are to work together, help our team be successful and have fun

05

Our Coaches

Our coaches are: Mr. Stern and Mrs. Rodriguez

02

Our Strategy

Our strategy is to complete new codes to help our team score the points autonomously. One reason we do this, is so our team is proud of us
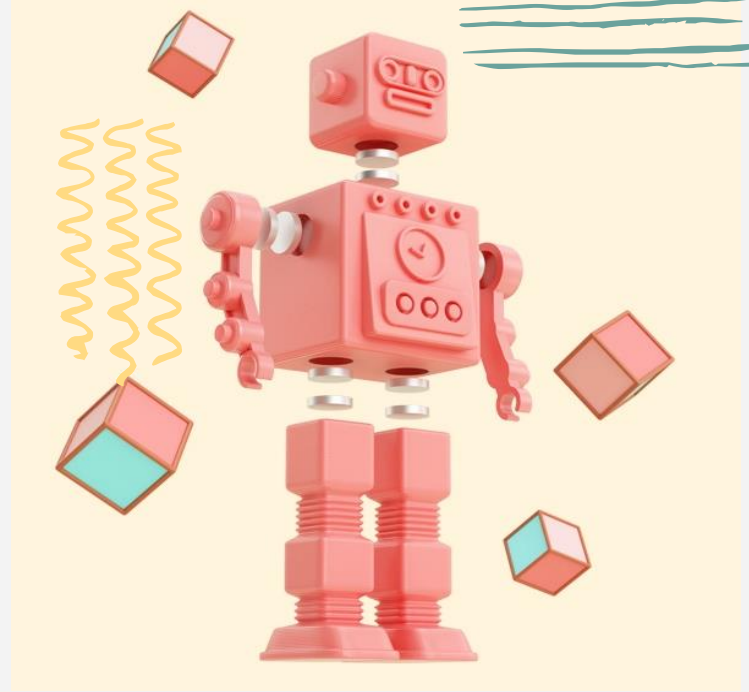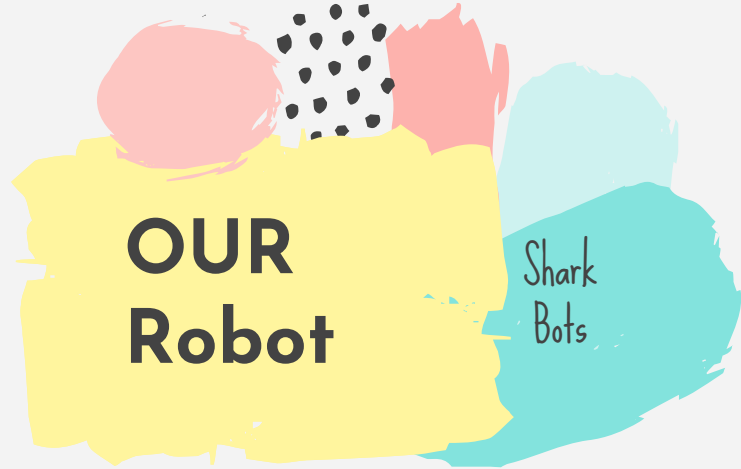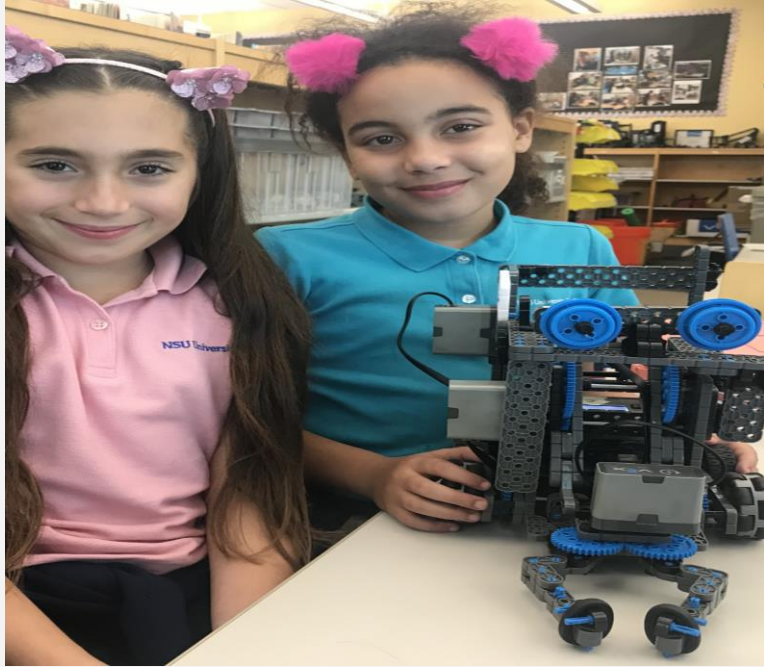
04

Our Team Members

Our team members are: Isabella, Cora, Tazio, Adrian, Marco, Liam, Ari, Guy, and Ka'i

06

Team Roles

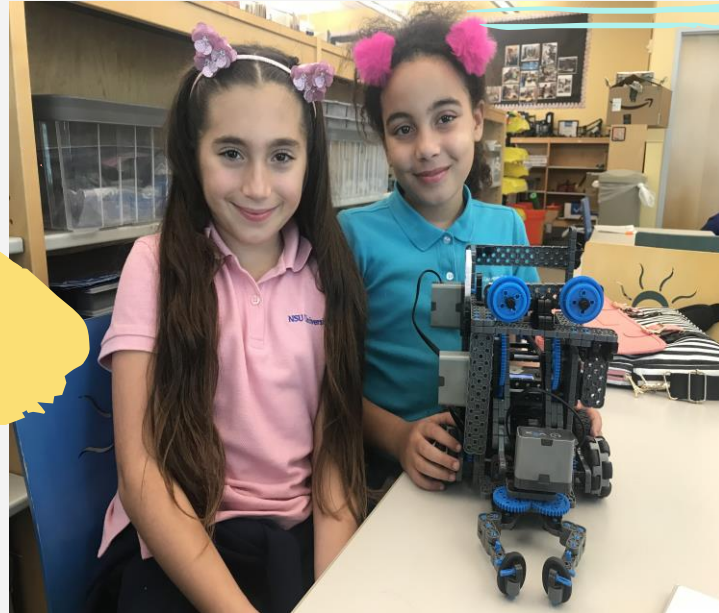Coders and Team Mangers: Cora and Isabella
Buliders: Liam and Marco
Notebook Manger: Liam
1st Drivers: Ari and Guy
2nd Drivers: Tazio and Ka'i

Shark bots

OUR Robot

Shark Bots

ABOUT OUR ROBOT

Some things about are robot is it has two omi weels in the front and two regular weels in the back of the robot, there are two eyes in the front of the robot,it also has a back hook and moves forward and backward.

WHAT SETS US APART?

ROLES

Our roles in this team sets us apart because most of us our team members are drivers and builders. We are the main coders who score autonomous points for the team.

OUR DIFFERENCES

Most of our team are boys, there are six of them. They mostly like building and driving. We are the only two girls and the only ones who enjoy coding all of us are really different but we all have one thing in common we all love robotics

6

When you hear the phase "Girl Powered" what do you think?

- We think girl powered means to do stuff only if we understand because we can make a differences in our team.

- We also think girl powered means to help our team even if it takes a while, we will help our always no matter what.

- We think girl power means that girls are strong and work together

Who is your woman STEM role model?

Our woman STEM role model is Ada Lovelace.

She inspires us because we are programmers and she was a programmer.

Even though there many women in robotics we decided to pick Ada Lovelace because she was the world's first programmer.

Ada Lovelace lived in the early 1800's and saw something others didn't see that machines could be involved in complex computing. She published the very first algorithm for a machine.

Share how your team took initiative to create a more inclusive environment that attracts a diverse group of students.

Our team went on WUTV in our school news and tried to inspire the students in our school to join our robotics team next year.

WUTV is broadcasted in all the classrooms grades JK-5th.

Although after school robotics teams are 3rd through 5th, we want our young learners to become interested in robotics.

Our team also created a commercial for the VEX IQ Promote Award.

How do you believe diversity of a perspective changes your robot design, your team chemistry, and even your ability to succeed?

We all came and met as a team and talked about what we wanted our robot to do.

We looked at videos of the Squared Away challenge and brainstormed ideas for our robot design. Some of our team members wanted to build a more complex robot. Our team didn't have a lot of experience building, so we decided to build the ClawBot and modify it to complete the challenge.

Since there are only two girls on the team, sometimes it was difficult to get our ideas across to the boys. For example, sometimes the boys were rude when we asked questions about the design or strategy.

We the girls, decided to work together to create a code with our robot. Even though the boys helped, we are the main coders and have been successful at tournaments.

Share how each team member tried various roles on the team (designing, building, driving, programming, strategy, awards, etc.) Explain what you learned through this experience.

We all sat down, and talked about what our team roles we wanted to be and we all decided that we would try all of the roles and see what we would like our roles to be.

THANKS FOR WATCHING

- Thank you for taking your time out of your day to watch our slide show