



A NEW FORCE WAS BORN – JANUARY 17TH /2017

Girl Powered Colombian Robotics- - Starbots 10026A

WHAT DO YOU THINK ABOUT ROBOTICS?

The Wonders of Robotics

By Manuela Castaño-10

Girls get robotics. We understand it differently though. For us, It is a science different to all others. It is fun and it allows constant feedback to improve, so we can always get better at it.

It is a passion that allows us to create wonderful things.



Figure 1 – Building our first clawbot. February 8th /2017

By building and programming robots we learn how other things work as well. It involves Mechanical Engineering, Math, Science, Technology and in our case even Spanish and English.

Robotics is important because it is a special, fun and easy way to get people together. by promoting values, like respect tolerance and solidarity. These make teamwork an essential part of this wonderful science. It is basically a fun way to learn. Every week, I can't wait for it to be Tuesday, to be with my friends in robotics class.

“We learn about robots, their components and how to program. It is like a regular science but about robots. Girls should make robots to learn about them” Camila Cuartas - 8



Figure 2 - Line following Robot. March 23rd /2017

“It is a constant learning, it teaches me how things work. It also includes things that I enjoy, like math technology and science.” Isabella Mejia - 9

My Dream

By Maria Alejandra rodriguez-11

I love robotics. Since I was little, It has always been my dream to do something that changes the world in a positive and unique way.

Robotics is exactly that for me, is not about who is better or who you are. It is about having something in common that gets us together. Girls are strong, smart, unique and capable of doing anything.



Figure 3 - Getting ready for a local robotics competition. October 20th/2017

I ADMIRE....

Marie Curie. She is an example of perseverance. She was ahead of her time. Even though she suffered a lot, she never gave up for what she believed in and fought until the end for her goals.

Our Experience

By Juanita Alvear-10 & Amalia Álvarez -10



Figure 4 – Halloween Activity. October 31st/2017

Girls in robotics are smart, strong and we can achieve many things, even if other people think we can't. It is way more than a science to compete with others.

It helps us learn. We like it because it help us be a better version of ourselves, by having fun we can develop projects that integrate math, science and all of our knowledge.



Figure 5 – Fundraising every 1st Wednesday. November 1st /2017

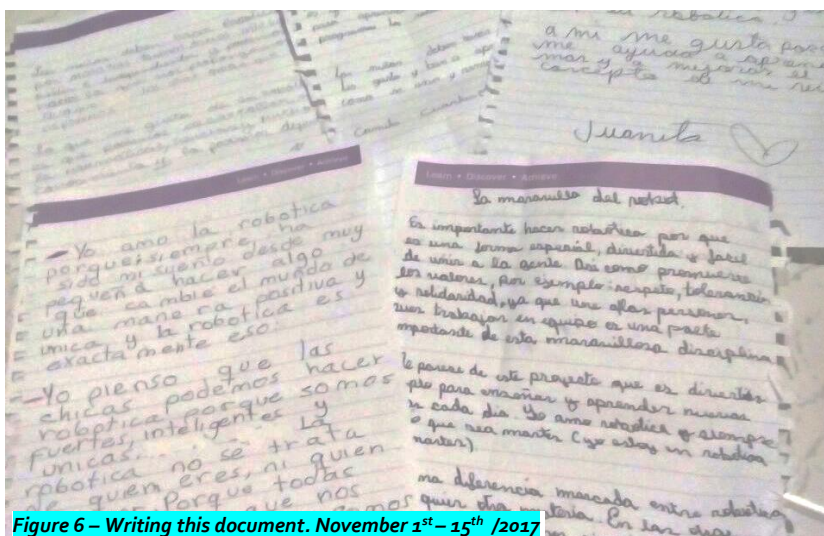


Figure 6 – Writing this document. November 1st – 15th /2017

This is how we roll!

By Mariana Guerra – 10, Martina Catapano – 10 & Valeria Castaño - 9

Starbots is a very united team. We support each other and we learn more every day. That is what Starbots is for me. We work together, dividing responsibilities so we can learn different tasks.

Currently we work in 2 fronts: Project and robot design.

- The .Project team takes the research project and finds a way to present it to the jury. Currently we are working in ideas, like a TV News format in order to show our idea.
- The design teams evaluates the robot performance and decides if we need to improve it or change it. In order to do this, Part of the team evaluates how the



Figure 7 – Running tests

robot is working in the different tasks, while others look for ideas for possible new designs.

Everybody in the team does something. We all love robotics and you can tell that in our work. One day we can be working in robot design and another day we can be helping the project team with Ideas. As I said before, we always help each other.



Figure 8 - proposing new design ideas.

The team trains once a week, every Tuesday, for one hour. In order to be ready for the competition, we started with the project design on July 2017, with only 5 team members. We took advantage of the end of the school year, and worked close to 20 hours in the project. We started the robot designed right away. Even though we stopped later for vacation and we got prepared for other competition, we started again in October getting our robot ready. The Team has 14 members now, and it doesn't matter if only 10 represent the team officially, we all help.

Girl Powered

By StarBots Team

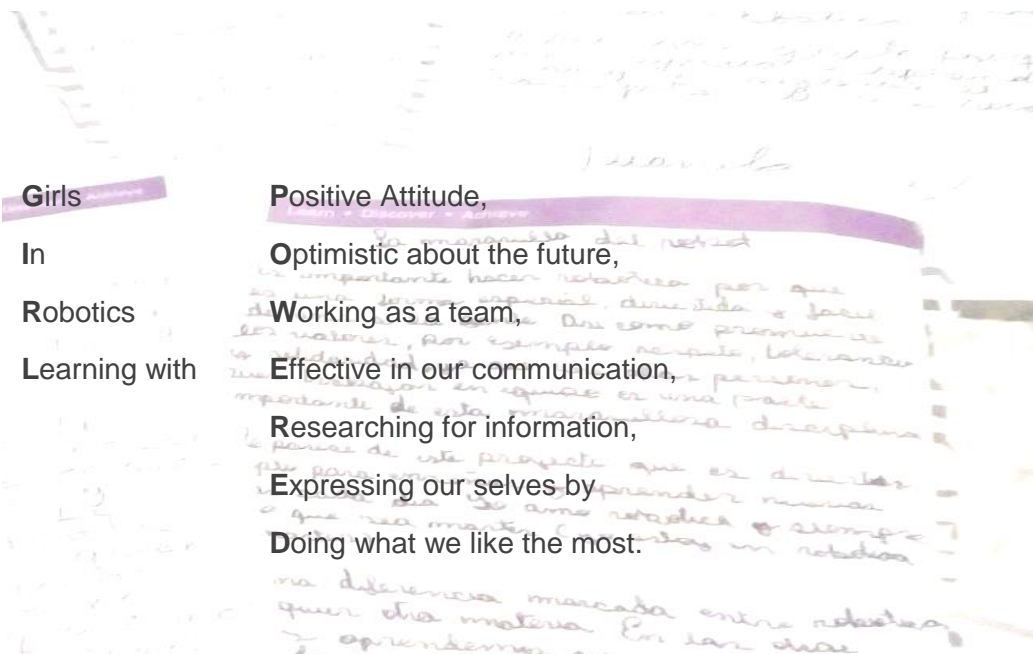
StarBots
Marymount Robotics



Girl Powered

Girls
In
Robotics
Learning with

Positive Attitude,
Optimistic about the future,
Working as a team,
Effective in our communication,
Researching for information,
Expressing our selves by
Doing what we like the most.



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