

Annual Report

2017



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Foundation**

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Maureen Orth

Founder

Dynamism!

Medellín was named Latin America's most dynamic city in 2017. Our mission has always been to prepare our students and our teachers to lead -- to compete anywhere and contribute to that dynamism. I am so proud of our championship robotics teams, our tech training of unemployed youth through our SparkTIC program plus our own innovations such as kindergarten robotics, the English Spelling Bee and Code Day, where our kids programmed over 3,000 lines of written code.

Thanks so much to all who have supported us.
Your own dynamism is a huge contribution.

Marina

About us

Our mission is to provide modern and high quality education to children and young people with limited resources, to train teachers using new technology and methods so that our students are able to compete in a globalized world. We teach students STEM + H (science, technology, engineering, mathematics+humanities) leaderships skills and develop extracurricular activities that focus on English and robotics.



Our Projects

Step by Step



We focus on our three fundamental pillars of technology, English and leadership in order to provide modern and high quality educational opportunities for our students. We integrate technology into basic areas of knowledge such as Math and Spanish. In order to reinforce our students' communication skills and vocabulary, we provide our own highly qualified English teacher and technology teacher in the five schools of this program. We also run English and technology clubs with the help of our volunteers. The Monitors Club maintain and repair the school computers and innovate their own projects.

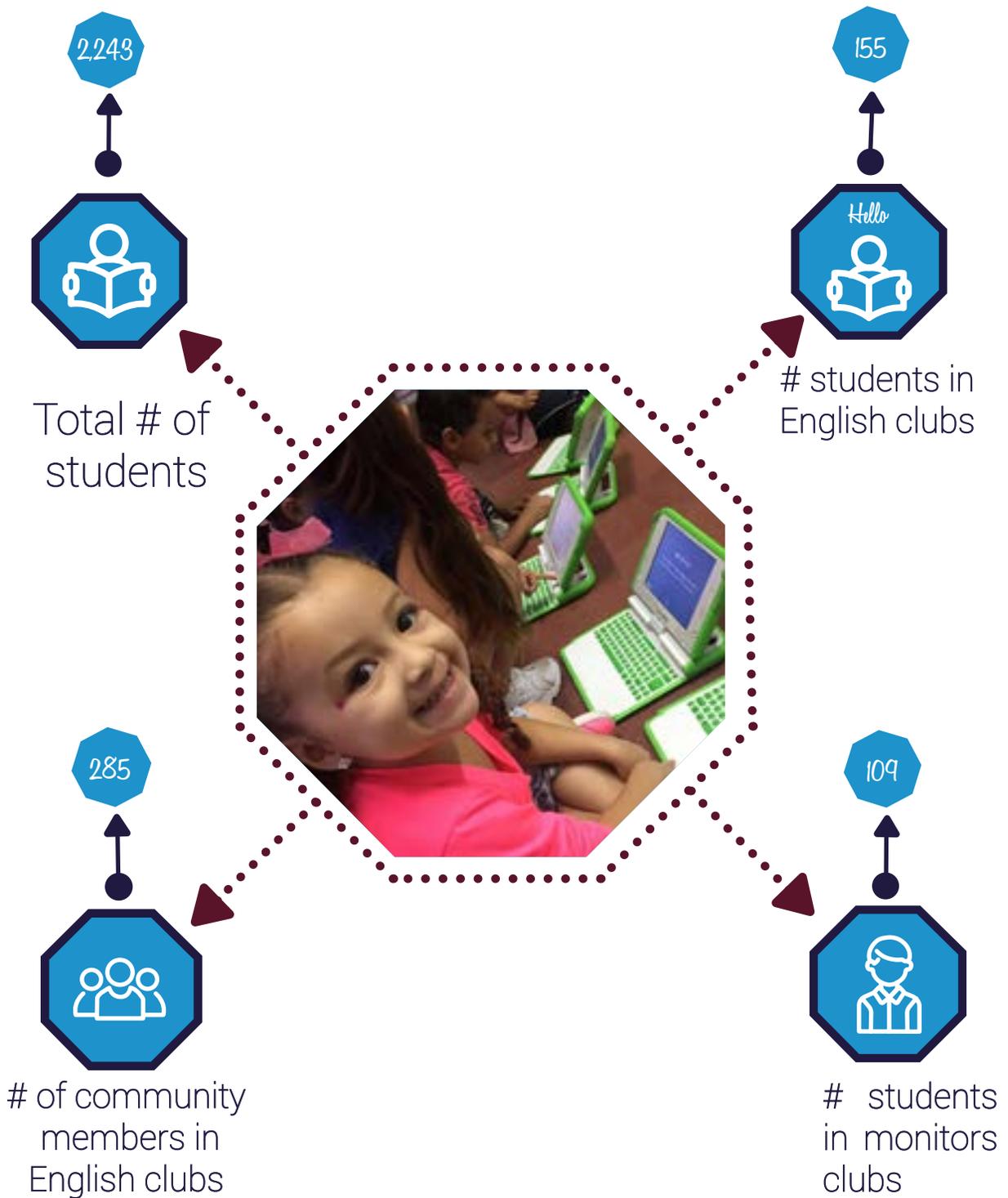


Stories that inspire us

Jhon Dairo, Julián, Wendy, and Mabel, students at the Camino de Paz School, are examples of leadership, perseverance, and dedication. When they were in the 4th grade, they started the Monitors Club and learned how to perform preventative and corrective maintenance on the XO Laptops we use in class. Today they are in the 10th grade, and they lead the XO maintenance and repair program at their high school.



The number of students that benefit Step by Step



Volunteers

2017



Our foreign volunteers spearhead some of our most dynamic projects. In 2017, in addition to running English clubs for children, young people, teachers, and parents, volunteers launched an extremely popular and competitive English Spelling Bee complete with a final competition in front of parents. They also reinforced English skills through art, theater, working in the school garden, and other activities.

Through the patronage of the mayor of El Carmen de Viboral, our volunteer Michael Owen ran dozens of English classes for students, parents and members of the community in the local community center. These classes were so popular that over 300 participated on a regular basis. Way to go Michael!

For the second consecutive year, we held a successful one-week intensive English bootcamp for 100 Colombian teachers. During this week, the teachers strengthened their English competency and learned new techniques for teaching English. We also ran an unforgettable summer camp for 43 students in El Carmen de Viboral, during which they were able to practice their English through arts and crafts, sports, and musical activities. We are extremely grateful to the three Peace Corps volunteers who traveled from Barranquilla to help run this program.

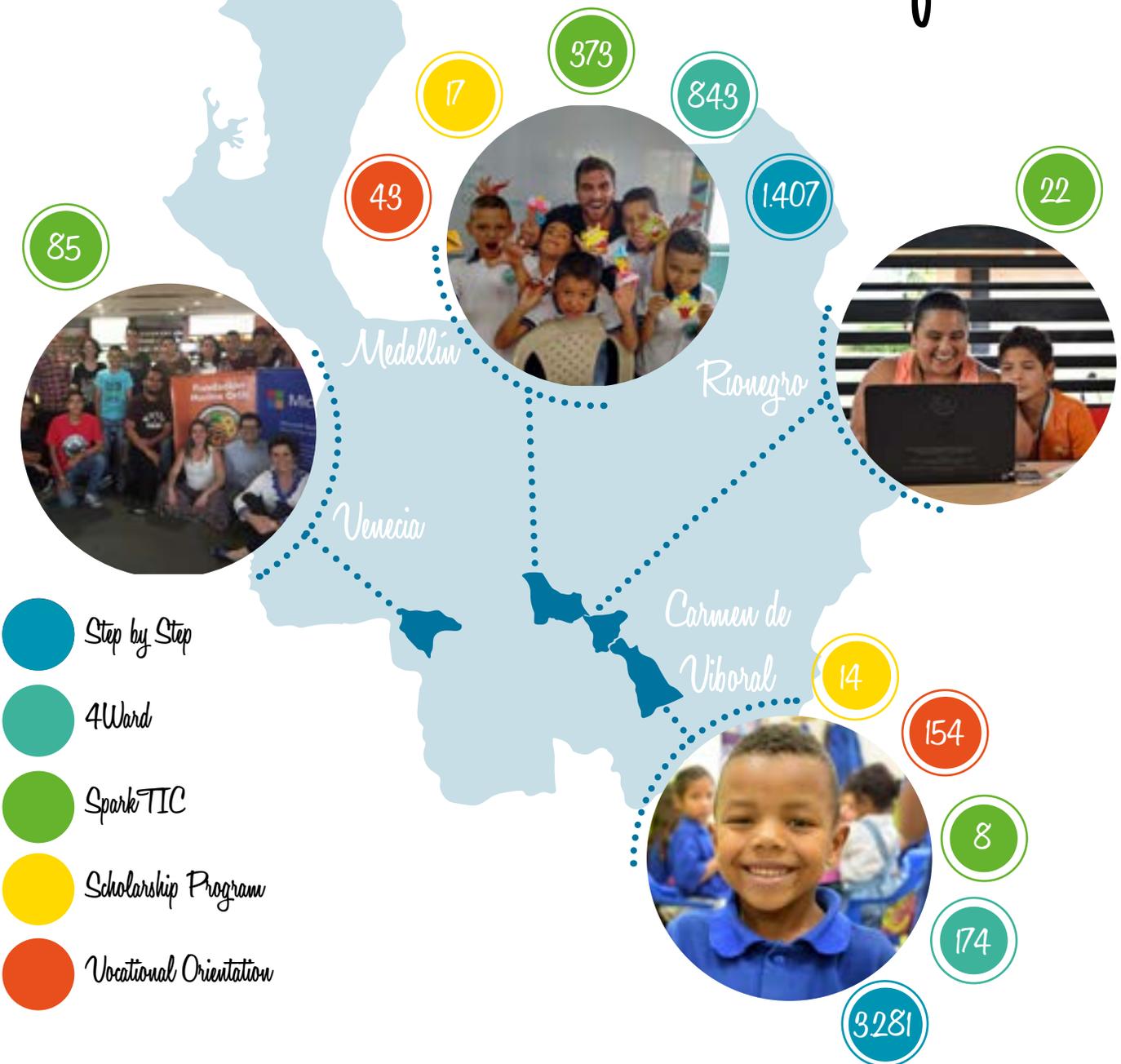


Thanks!

Kathleen Shriver, Audrey Fleisher, Max Neuman, and Nicole Aguiar from the USA. Samantha Hernández from Mexico, Karina Barberis from England, Marc Van Beers from Holland, and Joel Echineque from Argentina.
You did a great job!

Thank you to our 2017 volunteers!

Where we work and the number of students that benefit



4Ward

Our 4Ward program provides training opportunities for teachers in order to help them to integrate technology into their classes and to use these technological resources to supplement their students' education.

Additionally, 4Ward coaches run 14 robotics clubs in which students came up with robot prototypes to solve problems they identified through research and the exploration of the needs of their community. This program is highly successful and has allowed our kids' creativity to shine. We have made champions!

Stories that inspire us

Juliana Restrepo, a member of the 3rd grade class robotics team at the Sagrada Familia School came up with the idea to develop a pair of shoes with a built-in sensor that sets off an auditory alert when the wearer approaches an obstacle. Juliana and the team created these shoes to help people with visual disabilities to move around safely.



2017 Achievements



Code Day: We celebrated our own Code Day for the first time. Code Day activities featured three coding scenarios that students, teachers, parents, and the general public could all participate in solving. The students solved 105 programming challenges, and spent 6 consecutive hours programming over 3,000 lines of written code.



Kindergarten Robotics: For the first time, we created educational robotics activities for preschool students. It was a great experience to introduce coding, not only for the children, but also for the teachers. Activities like this remind us of all of the skills that our kids have, and confirm that they can use these skills to reach their maximum potential.



Two teams from our **robotics club**, one all girls won the regional competition to represent Colombia in 2018 in the worldwide RoboRAVE competition in Albuquerque New Mexico. Their perseverance and their programming, electrical engineering, and mechanical skills paid off.

Bravo!



SparkTIC

• SparkTIC is our project sponsored by Microsoft to train young people, 14 – 25, who neither study nor work. In 2017 we trained over 510 people.

• The goal of the training – in addition to learn basic programming, design, and app creation skills, was to inspire and motivate the participants. Over 109 re-enrolled in school and realized that education is the best path towards bettering their situations.

• Additionally, we sought to help them develop their own projects and the skills they need to open up employment opportunities and generate income.

Stories that inspire us

DIGITIZING THE WORK OF MY MOTHER:

My name is Camilo Carvajal and I am 22 years old. I was part of a Bootcamp with the SparkTIC program and I highly recommend it because in addition to making new friends I was inspired and got full of curiosity to create and innovate. During the Bootcamp my friend and I developed an App which helps manage the orders of my mother's cosmetics business. Now she no longer worries about knowing who asked for an item. Nor does she have to be walking around leaving catalogs on doorsteps because now the orders are online. The application that I created is in its beta version and currently works for a limited number of users; however, it is enough for my mom's clients. I'm hoping to finish it and upload it to the platforms.





2016



2017



Scholarship Program

For our students who will continue their education beyond high school we are now supplementing our scholarship programs with workshops focusing on teamwork, self-discovery, study skills, assertive communication, and anxiety management. With these workshops, we provide the students with comprehensive training so that they not only have the opportunity to study, but also can develop the necessary interpersonal and leadership skills that help them to be competitive in the working world.



Jennifer is a graduate of the Marina Orth School who graduated from the ITM University with a degree in Cost and Finance Administration. We are so proud to have educated such an outstanding young woman with such potential.

"It is you- Marina Orth Foundation- who, when I was in the 11th grade, pushed and motivated me to chase my dreams. You gave me back my confidence and confirmed that I could achieve whatever I set my mind to. Today I feel honored to share with you the satisfaction of having the distinction of earning the best average in my major (Bachelor's Degree in Foreign Languages). I want to thank my family and all of the people who have made me who I am today".
By EMMANUEL MORALES

Stories that inspire us



"We are seeds and guardians of life. In our school gardens we protect the land with organic fertilizers because we want biodiversity to thrive. We want to conserve our ecosystems, and we do not want to contaminate our food, our land, our air, and our water. Thank you, Marina Orth Foundation, for helping us to sow the seeds of our school garden, from which we not only obtain nourishment, but also become conscious of the importance of sowing cleanly and caring for the land".
By YULIANA SALAZAR



Vocational Orientation



We understand that graduating from the 11th grade brings with it lots of important life decisions for every student that can have real repercussions in the future. With this in mind, we created our Vocational Orientation program in order to guide our 10th and 11th grade students during this crucial time. We help them to get to know themselves better, to identify their strengths, and to make the best decisions for the future by taking all of the necessary information into account.



Achievements 2017

97%

of the students identified their skills through an introspection activity about their personal interests. During this activity, they expressed and clarified these interests in a classroom setting with their peers.

82%

of the students at the Marina Orth School were accepted to university thanks to the city's "Presupuesto Participativo" project.

The foundation in numbers 2017

9
Volunteers

4933
Students who benefit
from our programs

2243 Step by Step	2210 4ward	510 SparkTIC
49 Teachers trained	29 Teachers trained	13 Bootcamps
10 Schools	14 Schools	109 Went back to study
2815 XO computers in the school	2204 XO Computers in the school	155 Who are working

Scholarships

31 Scholarships	
14 English Scholarships	17 University Scholarships

Investment

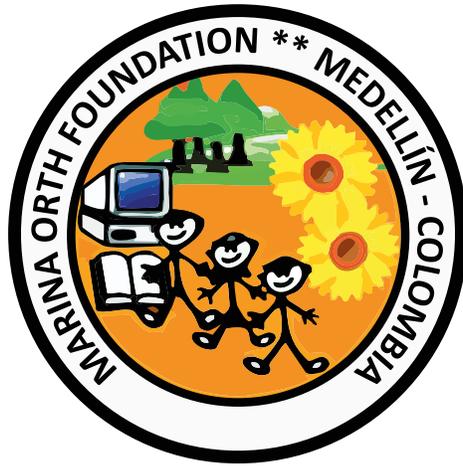
Educational Programs (Step by Step, 4ward, and SparkTIC)	Scholarship Program	Administration Costs
\$323,465 USD	\$38,802 USD	\$149,555 USD

TOTAL

\$ 511,822USD







Marina Orth Foundation

"Educating for the future"



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