

Paraguay



Name: *Elida Moreno*

Function: *Country Coordinator (CC)*

Organization: *Benjamin Franklin Science Corner*

E-mail: *elidamorenopy@gmail.com*

Tel: *+595986133200*

Website: <https://linktr.ee/bfsc>



Organization and Number of Staff:

- 1 Person - Country Coordinator and Coordinator of the Benjamin Franklin Science Corner

Funding by: US Embassy Paraguay

Cooperating Organizations/Individuals:

- Sociedad Científica del Paraguay
- Universidad Comunera
- Volunteers Benjamin Franklin Science Corner

GLOBE Schools: Teachers from these 18 institutions participated in the initial training in February 2024:

N°	Institutions
1	Benjamin Franklin Science Corner
2	Centro Educativo Maristas San Pablo
3	Colegio de la Asunción
4	Colegio La Providencia
5	Colegio Las Almenas

6	COLEGIO NACIONAL ASUNCIÓN ESCALADA
7	Colegio Nacional EMD Dr Fernando de la Mora
8	Colegio Nacional EMD Villa Permanente
9	Colegio Primero de Marzo
10	COLEGIO SEK PARAGUAY
11	Escuela Básica N °3220 San Isidro Labrador
12	Escuela Proed 5900
13	Facultad de Filosofía de la Universidad Nacional de Asunción - U.N.A
14	Instituto Superior de Lenguas ISL
15	Santa Caterina da Siena
16	SIL - San Ignacio de Loyola
17	UNISAL - Universidad de San Lorenzo
18	Universidad Nacional de Pilar

GLOBE Protocol Areas:

- **Atmosphere:** Air Temperatures, Barometric Pressures, Cloud Observations, Precipitations, Relative Humidities, Snowpacks, Surface Temperatures
- **Hydrosphere:** Mosquito Habitat Mapper
- **Biosphere:** Biometry Trees, MUC, Photos, Vegetation Covers

Number of Schools Reporting Data over Past Year:

34 schools have reported in the past

1 school currently reporting (past 3 months)



SCHOOL STATUS REPORT
GLOBE.gov Logged in as: Elida Moreno

Organization:

Advanced Filter
(filters applied)

Out of 168 schools and 165 educators, there were 7,930 total observations		
133 schools not yet reporting	34 schools have reported in the past	1 school currently reporting (past 3 months)

Colegio de la Asunción is the school that has been most actively participating this year.

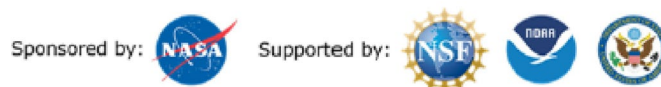
Org. ID/ GLOBE ID	School Name	School Address	City, Territory, Country	Lat./ Long.	Educator(s)	Reporting Status	First Report Date	Last Report Date	Total # of Obs.	Protocols Reported
50329264 GLIDES9J	Colegio de la Asuncion	Saavedra y Lapacho Amarillo Nro. 3115	Fernando de la Mora, PY	-25.3186 -57.5319	Barbara Camacho Email Educator	Currently Reporting	01/02/2024	07/21/2024	700	Atmosphere: Air Temperatures, Barometric Pressures, Cloud

Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

- Education

The Benjamin Franklin Science Corner has been working with local high schools to increase student and teacher participation in GLOBE.

In 2024, the science corner volunteers used the GLOBE Observer App as a part of Peer Mentoring Program to collect data about clouds and trees. They have used the microscope and mosquito larvae protocols to identify and count mosquito larvae in their community, and even though the cloud protocols were one of their very first experiences with GLOBE. BFSC’s volunteers helped us to train teachers how to use GLOBE resources in their classes.





- Agenda of the workshop - February 24, 2024:
<https://drive.google.com/file/d/1rL92R6xyngU0jly7Jm98ainnf-2XGVW6/view?usp=sharing>

- Science

In the training held in February 2024, teachers acquired tools such as:

- Infographics on disease-transmitting mosquitoes in Paraguay
- Use of the GLOBE Observer application to collect data on trees and clouds.
- Identification and classification of mosquito breeding sites within the educational space or in a given area.
- Identification of disease-transmitting mosquito larvae.
- Group dynamics for the development of simple laboratories.
- Analysis of data collected with the glove application to generate practical work and research reports.

- Content shared with teachers:
<https://drive.google.com/drive/folders/1X4slaQ4QucXklZf29yotsQuISjZLn1nC?>

[usp=sharing](#)



- Community

We plan to continue with the Science Club and Peer Mentoring program at the Benjamin Franklin Science Corner to take more clouds, trees and temperature observations, also to promote citizen science for these reasons:

1. **Democratizing Science:** Citizen science makes scientific research accessible to the general public, allowing people from diverse backgrounds to contribute to and engage with scientific endeavors. This helps to break down barriers between professional scientists and the public, fostering a more inclusive scientific community.
2. **Enhancing Public Understanding:** By involving citizens in the scientific process, they gain a better understanding of scientific concepts, methods, and the importance of evidence-based decision-making. This can lead to a more scientifically literate society that is better equipped to address complex global challenges.

- 3. Expanding Research Capacity:** Citizen scientists can collect data on a scale that would be impossible for professional scientists to achieve alone. This expanded capacity allows for large-scale studies, long-term monitoring, and data collection in remote or underrepresented areas.
- 4. Fostering Community Engagement:** Citizen science projects often focus on local environmental issues, health, or social concerns. By involving citizens, these projects can foster a sense of community, encourage civic responsibility, and empower people to take action in their own neighborhoods.
- 5. Generating Valuable Data:** The data collected by citizen scientists can be invaluable for research. Many citizen science projects contribute to important discoveries, provide insights into trends, and help in monitoring environmental changes, biodiversity, and public health.
- 6. Encouraging Lifelong Learning:** Participation in citizen science projects encourages people to continue learning throughout their lives. It sparks curiosity and promotes critical thinking, which are essential skills in a rapidly changing world.
- 7. Supporting Conservation Efforts:** In environmental and conservation science, citizen science plays a crucial role in monitoring ecosystems, tracking species populations, and identifying conservation priorities. This can lead to more effective and informed conservation strategies.



- Technology

To effectively promote the GLOBE (Global Learning and Observations to Benefit the Environment) program in Paraguay using technology, we are following these strategies:

Use Social Media Platforms

- **Awareness Campaigns:** Utilize platforms like Facebook and Instagram to share updates, training opportunities, and educational content related to the GLOBE program.

Mobile Applications

- **GLOBE Observer App:** Promote the use of the GLOBE Observer app, which allows participants to collect and submit environmental data directly from their smartphones.

This year, Colegio de la Asuncion won the photography contest:

<https://www.globe.gov/web/latin-america-and-caribbean/home/news/-/newsdetail/14034/ni%C3%B1os-y-j%C3%B3venes-de-am%C3%A9rica-latina-y-el-caribe-conectan-con-la-naturaleza-a-trav%C3%A9s-de-la-fotograf%C3%ADa?backURL=https%3A%2F%2Fwww.globe.gov%3A443%2Fweb%25>



THE GLOBE PROGRAM

Ganadores del Concurso de fotografía

Categoría: Primaria




1er. premio: Compartido
Giannara Alviso, 6
1º. grado

Dante Speratti, 9
3º. grado

Maestra: Bárbara Camacho
Colegio de la Asunción
Paraguay

Especie: Gomero

Especie: Mango

Sponsored by:  Supported by:    Implemented by: 



**ESPECIE:
GOMERO**

ASUNCIÓN, PARAGUAY
Primer Premio
Categoría: Primaria



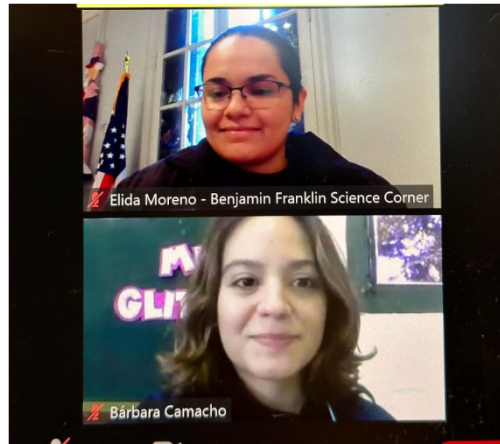
**ESPECIE:
MANGO**

ASUNCIÓN, PARAGUAY
Primer Premio
Categoría: Primaria



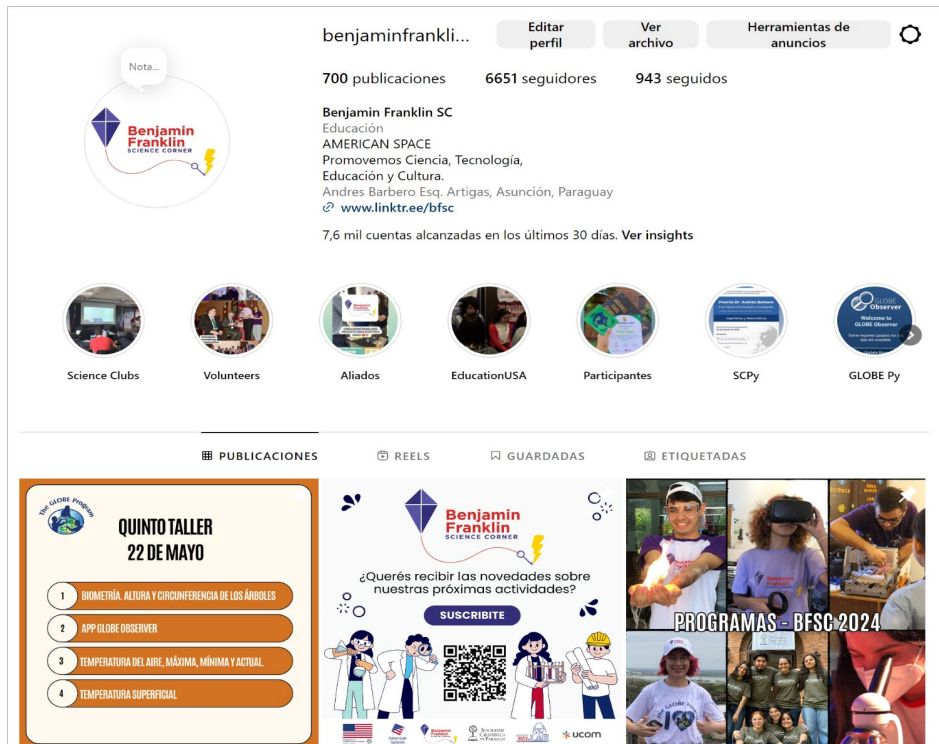
Virtual Training and Workshops

- **Webinars:** Offer regular online training sessions for teachers on how to participate in GLOBE activities. We invite teachers to join meetings organized by GLOBE LAC.



- Communications

The Benjamin Franklin Science Corner, the Scientific Society of Paraguay, and the United States Embassy in Asuncion is using their social media: Instagram and Facebook to promote any GLOBE related activity as the GLOBE Webinars.



- b) Joint development of a virtual classroom with technological learning resources and structured monitoring in action-research methodology.
- c) Planning and execution of training activities in GLOBE, according to technological, educational and human resources available in the new period.

