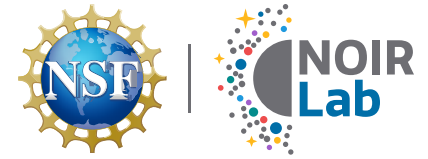


Viaje al Universo

Summative Evaluation Report



Viaje al Universo 2022 was a hybrid event, held from 14 November to 18 November, consisting of both in-person and virtual activities that engaged students in astronomical activities as they learned about the wonders of the Universe. *Viaje al Universo* is now 11 years old and each year data are collected in order to find new ways to improve the future of this program. This Feedback Summary is a collection of data obtained from the *Viaje al Universo* 2022 event along with the ambassador and teacher feedback forms.



Evaluating the Impact of the Program

As the pandemic prohibited an in-person *Viaje al Universo* event for the previous two years, the 2022 *Viaje* evaluations focused on understanding the in-person impact of the ambassadors and teachers. Evaluations were designed to measure whether the ambassadors were provided with appropriate support and resources for a successful presentation. The overall impact and effectiveness of *Viaje* in the classrooms were also measured by evaluations administered to teachers who signed up for in-person sessions.

Viaje al Universo 2022 Deliverables



Community Outreach
Educated the local students about the wonders of the Universe through career panels, workshops, and talks.

Career Panels
Offered students a look into STEM career pathways of astronomers and engineers.

Dark Skies
Talks about light pollution and Globe at Night increased awareness of the importance of dark skies to the local community.

Viaje 2022 Reached

6 schools



28 teachers

1042 students



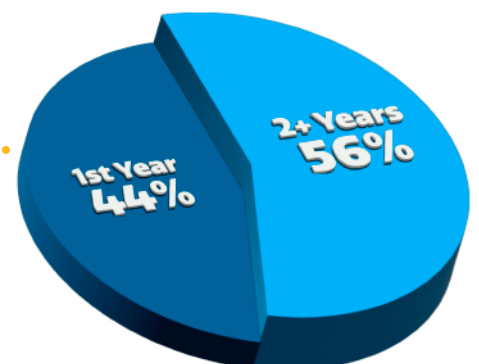
Ambassador Results

Twenty ambassadors participated in *Viaje al Universo* 2022 by holding a session or presenting an activity to students about the Universe. Nine of the 20 ambassadors provided feedback about their *Viaje* experience.

Creating and Continuing Relationships

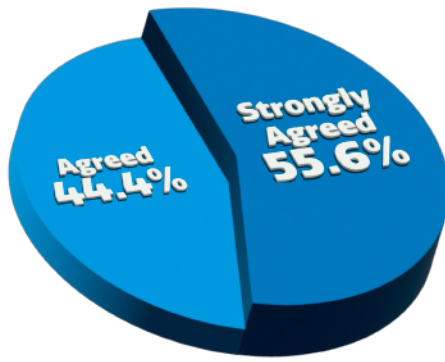
For how many years have you participated in *Viaje*?

Would you like to participate again next year?



Developing Interest in Science

During my session, the students engaged and asked me relevant questions about my topic.



Supported by the NOIRLab *Viaje* Team

The *Viaje* team supported me at all times.



100%
strongly agreed

Teacher Results

Twenty-eight teachers signed up their classrooms for *Viaje al Universo* 2022. The teachers provided their students with the opportunity to engage with astronomers and engineers to learn about the Universe and STEM careers. Of the 28 teachers who participated in *Viaje*, three teachers provided feedback and each represented different schools and grade levels from third grade to 12th grade.

Creating and Continuing Relationships

For how many years have you participated in *Viaje*?

1st year = 100%

Would you like to participate again next year?

Yes = 100%

Developing Interest in Science

If you participated in *Viaje*, did the program help your students understand other cultures and their relationship to astronomy?

Strongly Agreed = 100%

What would you like to see more of in the future for *Viaje al Universo*?



"Specific talk about a planet or satellite of the solar system, exoplanets, etc."



"Evening workshops for the entire community"



"Workshops for teachers, public talks for DSLS astroday, school visits, public talks, observation night."

Comparing *Viaje al Universo* 2021 to 2022

Viaje 2021 was a virtual event only, whereas in 2022 the event was in-person for the first three days and virtual for the final two days. In 2021, a total of 812 students were engaged along with an additional 1693 other attendees who joined the virtual *Viaje* events. There was a decrease in the total number of attendees from 2021 to 2022, likely due to the decreased number of opportunities to engage with *Viaje* virtually.

Total *Viaje* Attendees 2021 vs. 2022

