

# THERE'S ROOM IN SPACE FOR EVERYONE: OUTREACH THROUGH NASA ASTRO CAMP®

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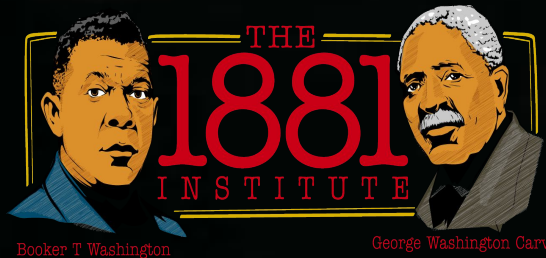
## Anna's Place NOLA Eclipse Outreach

### NASA Astro Camp®

NASA ASTRO CAMP® Community Partners Program provides formal and informal educators with 6 hours of annual training and access to NASA's most updated K-12 educational resources. Lessons created from ASTRO CAMP have given students a perfect source to practice basic principles of physics and astronomy in preparation for the trip made to Camp Mitchell as well as outreach done by the team. Delgado has been working with Anna's Place NOLA for 3 years and many of their students were already fairly familiar with the team and lead who work there regularly. The lessons used from ASTRO CAMP are from the years 2022 and 2023 and include Overcoming Gravity, Moon Phases from 2022 and 2023, the Solar Clock, Pinhole Camera, Simple Rocketry Lesson, etc. This has provided a strong background for the students in the processes of the Moon and the Sun, how they interact with each other in relation to Earth along with basic principles of physics such as gravity, mass, lift, thrust, and payload. In total, there were over 130 hours of outreach in Eclipse Specific and ASTRO CAMP in preparation for the NEBP missions. The result was 11 students knowledgeable in procedures for balloon launching and a small understanding of the workings of space. [1]

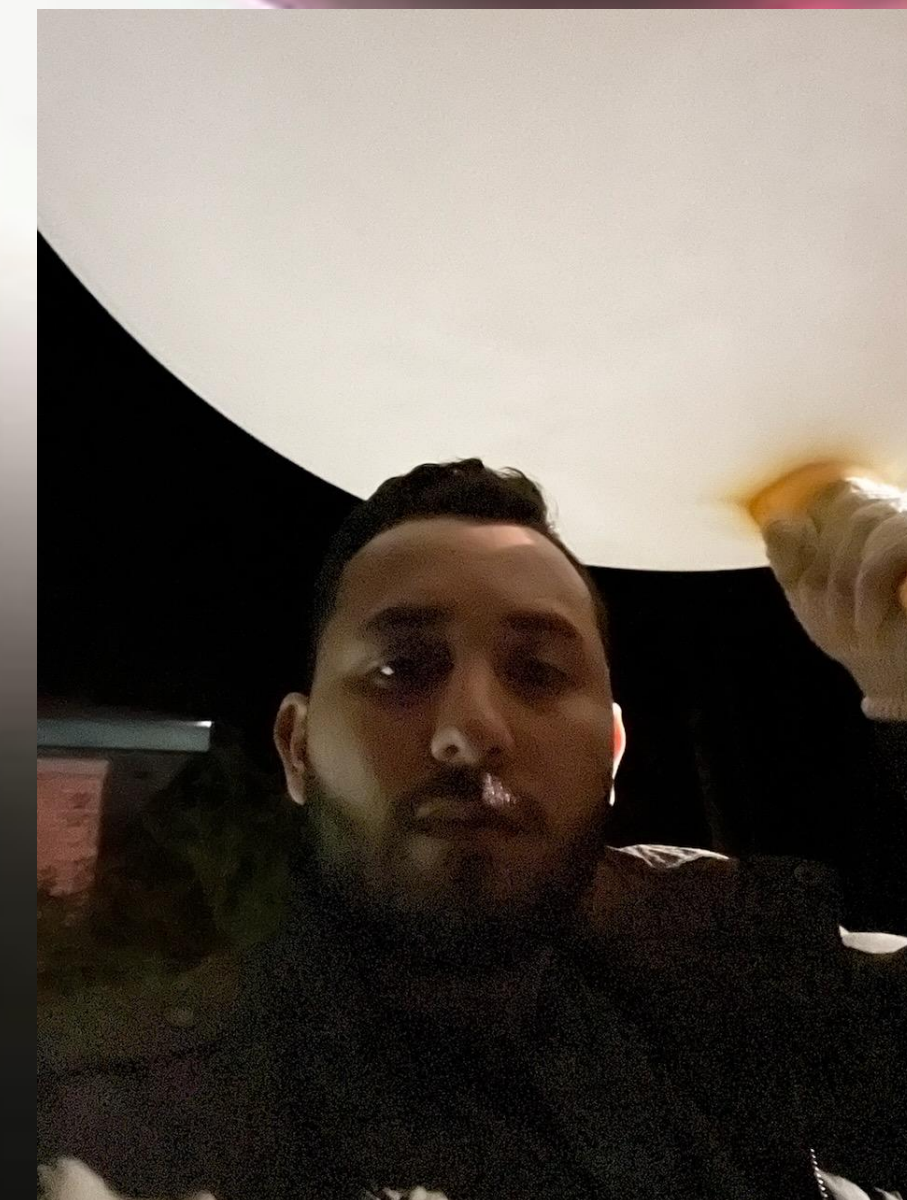


Anna's Place NOLA is a K-12, multi-institutional and multi-generational after school informal education program that serves around 75 students in the Tremé area of New Orleans. They are one of the main sources of outreach that the team has been doing, providing over 130 hours of outreach there alone. They don't only have a good relationship with Delgado, 1881 and Dillard but NASA as well. Last year, they received a NASA Engagement Opportunities in NASA STEM TEAM II ANKR award giving them the designation of NASA Informal Education Community Anchor. They were the only K-12 program to receive this award. By leveraging their status as a NASA Community Anchor and a NASA ASTRO CAMP® site, they were able to attend the total eclipse in Morrilton Arkansas. They brought a fully trained workforce of grade 6-12 scientists to do so which allowed the students to assist the team during some of their launches. This is not the first time they have been involved in NEBP missions because their art was used as outreach materials at the annular eclipse.



### The 1881 Institute

The 1881 Institute of Technology is an organization that aims to help underrepresented groups gain access to jobs in engineering and technology by providing classes in programs for the youth from Louisiana, Mississippi and Georgia. These include, but are not limited to, beginner circuitry, mechanical and computer aided design, machining, as well as lessons in carpentry. The 1881 Institute has obtained partnerships with RTA and NORD, city run institutions for transportation and education, to teach apprentices in the classes we offer and machine special parts for use on buses or trains. Members of the 1881 Institute have been teaching at Anna's Place NOLA for over 2 years and are Delgado students on the NEBP team. Last semester on Saturdays, students taught three hours of Eclipse and Space related NASA ASTRO CAMP® curriculum. This semester has reinforced the skills by giving students the opportunity to get practical training where students were able to make flight predictions and have hands-on training in procedures. [2]



### References

[NASA ASTRO CAMP® Community Partners Program - NASA](#)  
[The 1881 Research Institute \(the1881institute.org\)](#)  
<https://annasplacenola.org/>  
[Dillard University, New Orleans - Oldest HBCU in Louisiana](#)  
[Step Closer to Unstoppable | Spring Registration now OPEN \(dcc.edu\)](#)

