

District Grant Report

Rotary Club: Rotary Club of Orange County LA
 Project Title: Rotary Starbase Engineering Project

Progress Report Final Report

1. Briefly describe the project. What was done, when and where did project activities take place, and who were the beneficiaries?

The launch of the Starbase Engineering Project began at Santa Ana High School with the establishment of the Engineering Club lead by student leaders from the school's Interact Club. The project included a field trip to the Los Alamitos Naval Air Station Starbase Command Center. The beneficiaries were approximately 25 high school students. Projects were completed at the Santa Ana High School campus.

As part of the project – concentrating on 2 Rotary Areas of Focus - Water Sanitation and Hygiene as well as Supporting the Environment, student projects were designed to learn about water delivery systems, climate control engineering projects, and how space exploration can be engineered with the same technology as programmable cars.

2. How many Rotarians participated in the project? 6 Rotarians

3. What did they do? Please give at least two examples.

Rotarians helped complete the projects by acting as advisors, chaperones, and volunteers. Additional Rotarians were involved in helping to raise funds to assist in the matching grants portion of the project.

4. How many non-Rotarians benefited from this project?
 25 High School Students primarily juniors and seniors.

5. What are the expected long-term community impacts of the project?

The long range objective is to encourage students to enter into engineering and other STEM-related careers. Short-term is to encourage future studies in colleges and universities. Many of the students come from immigrant families and have the potential of being the first in their families to attend college.

6. If a cooperating organization was involved, what was its role?

The Los Alamitos Naval Air Station Starbase Command Center staff were technical advisors for the projects as well as the Santa Ana Unified School District that provided the school advisor and field trip van.

In a note to the Rotary Club of Orange County LA, Engineer Club President Helen Zhang said, "Thank you Rotary for sponsoring the Santa Ana High School Engineering Club and connecting us with the StarBase Program. This partnership not only fills the gap in STEM opportunities at our school but also opens doors for students eager to explore and expand their horizons in science and technology. Your support empowers us to dream bigger and reach further,"

Financial Report – Be sure that Income equals Expenditures!

7. Income	Amount
1. District Grant funds approved by the District	\$500.00
2. Club contribution	\$754.49.
3. Other funding (specify)	
Total Project Income	\$1,254.49

8. Expenditures - please be specific and add lines as needed - receipts must be attached

1. 5 – Keystudio Smart Car Programmable Robot Kit	
2. 4 – Clean Water Science – Climate Control Global Warning Lab Kit	
3. 2 – Hosityond Smart Robot Programmable Car Kit	
4. 1 – Keystudio Robot Arm Starter Kit Electronic Coding	

5.	
6.	
Total Project Expenditures	
	\$1,254.49

9. By signing this report, I confirm that to the best of my knowledge these District Grant funds were spent only for eligible items in accordance with Trustee-approved guidelines, and that all of the information contained herein is true and accurate. Receipts for all grant-funded expenditures have been provided to the district. I also understand that all photographs submitted in connection with this report will become the property of RI and will not be returned. I warrant that I own all rights in the photographs, including copyright, and hereby grant RI and TRF a royalty free irrevocable license to use the photographs now or at any time in the future, throughout the world in any manner it so chooses and in any medium now known or later developed. This includes the right to modify the photograph(s) as necessary in RI's sole discretion. This also includes, without limitation, use on or in the web sites, magazines, brochures, pamphlets, exhibitions and any other promotional materials of RI and TRF.

Certifying Signature Beth Fujishige Date: 5-15-2024

Print name, Rotary title, and club Beth Fujishige, President, Rotary Club of Orange County LA