

**District Grant Report**

Rotary Club: San Clemente Sunrise Rotary Club

Project Title: P-419 Ocean Institute for Kids

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?

This grant funded two youth education programs offered by the Ocean Institute in Dana Point California:

**Advanced Floating Lab:**

Student oceanographers, from Susan Miller Dorsey High School, apply sampling and research protocols for water chemistry and biological monitoring. Students participate in a chlorophyll productivity analysis and phytoplankton biotoxin analysis. Equipment available includes an otter trawl net, plankton net, benthic grab sampler, water capture bottles, a bioacoustic array, side scan sonar, CTD water analyzer, and a weather/navigation station. The 42 students, all science majors and all college-bound, are of predominantly low income families. It was originally intended for students from San Clemente High School to participate, but due to a change in testing schedules, the school cancelled. The Ocean Institute asked that Dorsey High School be substituted in that there was a group of lower income students wanting to come but did not have a sponsor.

**A House for Hermit Crab Lab:**

Students will learn the difference between fact and fiction as they use lab equipment and our aquariums to compare and contrast live organisms with literary creatures from the book A House for Hermit Crab by Eric Carle. These students come from San Onofre Elementary School, which serves, primarily, Marine families from Camp Pendleton.

2. How many Rotarians participated in the project?

A total of 16 Rotarians participated in this project.

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

Example 1: Both Programs; The Rotarians arrive early so that they can welcome the students and assist Ocean Institute staff in moving them to an assembly area for their initial instructions and, if needed, guide the students to restrooms.

Example 2: Advanced Floating Lab; The Rotarians assist in moving the students to the boat and, once aboard, assist the crew with insuring compliance with safety rules.

Example 3: Crab Lab; Rotarians assist with moving the students from one educational area to another.

Example 4: Both Programs; At the end of the program Rotarians will assist staff in moving the students to their busses and saying good-bye.

4. How many non-Rotarians benefited from this project?

Approximately 190 students and 15 teachers benefited directly.

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

In both programs the student's knowledge for and appreciation of the ocean as and ecosystem is enhanced in a way that will have a lasting affect on them. That awareness should radiate out from them to their families and friends which impacts the manner in which they respect the ocean and beaches, their cleanliness and preservation.

In the case of the Advanced Floating Lab, even though the students are interested in the ocean from a scientific perspective, some had never been to the beach and the vast majority had never been on a boat. Many students commented on how worthwhile this program is and how it peaked their interest in pursuing further study of the ocean.

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

The cooperating organization is the Ocean Institute that is the hosting organization that provides the facility, expertise, boat and equipment. This research center has, as part of its mission, to educate students at all levels about the ocean as an ecosystem.

**Financial Report – Be sure that Income equals Expenditures!**

7. Income

Amount

1. District Grant funds approved by the District	\$ 2,737
2. Club contribution	2,763
3. Other funding (specify)	None

Total Project Income

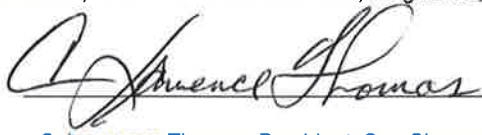
\$5,500

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

1. Advanced Floating Laboratory aboard the R/V Sea Explorer (Ocean Institute)	\$3,000
2. House for Hermit Crab Lab (Ocean Institute)	2,500
3.	
4.	
5.	
6.	
<b>Total Project Expenditures</b>	<b>5,500</b>

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



Date: 5/5/14

Print name, Rotary title, and club

C. Lawrence Thomas, President, San Clemente Sunrise Rotary Club