

District Grant Report

Rotary Club: Villa Park Rotary Club
Project Title: In Quest of the Quark: A Pre-Science Workshop for 2nd Language (ELD) Learners and Disadvantaged Youth

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 project's **goal** is to provide Science literacy support for 2nd language learners and disadvantaged youth, instill confidence, and **increase their propensity for enrolling in STEM coursework** in high school. Ultimately this will result in increased confidence, self-respect and access to employment through education. **Beneficiaries** were **ELD (second language learners) and disadvantaged youth** served by Villa Park High and Cerro Villa Middle Schools, and their families. This was **implemented** through workshops held at Villa Park High using specific curriculum and text materials in English and Spanish developed especially for these students. Rationale: taking a high level course in a 2nd language is challenging to say the least; conceptual reinforcement through materials and instruction in the first language provides a foundation with an affective component as well as an intellectual literacy-based foundation.
Sept 2013- the program and its curriculum were designed and written
Oct 2013 to Jan 2014- flyers, syllabus and text content were written in English and translated to Spanish by Spanish translator Brenda Ochoa; graphics, tables and figures of course content were designed by graphic artist Juan Pablo Larios
Feb 2014- materials were purchased, sorted and organized; students were recruited by Counselors, Administrators and ELD Instructors at Villa Park High School and Cerro Villa Middle School
March 2014- the workshops implemented on sequential Saturdays

2. How many Rotarians participated in the project? **Nine** Rotarians participated in the grant

3. What did they do? Please give at least two examples (there were more than shown below, this was truly an "all hands on deck" project!)
1. **Dr. Bartrom** researched current developments in chemistry both currently taught and developing content, wrote the curriculum, drew the initial graphical components, formulated the questions, and syllabus, and wrote a text specifically adapted to the needs of the workshops. She then formed a team of herself, typist (Colin), translator (Brenda Ochoa, Chair of Foreign Language Dept. at VPHS) and graphic artist (Juan Pablo Larios, Graphic Design Instructor at VPHS) who then spent six months collaborating in developing, writing, illustrating, translating and refining the basic texts.
2. **Mike Brunhoeber** VPRC Rotarian and International Arm of Service, greeted parents as they brought their children to the workshop. Since he is fluent in Spanish it was clearly communicated that we invited them to stay and many did.
3. **Ed Howard**, VPRC Rotarian, and Principal of Villa Park High supported the project by providing recruiting support for the 1st year project (we hope to make this an annual event) through correlating outreach to faculty and Cerro Villa Middle School and also providing weekend access to classroom space. Ed also facilitated the project by supporting the endless hours of collaboration needed for translation of the science content in to Spanish and produce the twenty-two graphics required.
4. **Marianne Koepnick** Rotarian and VPRC Chair of Community Service provided hands-on support during the workshops for food handling, materials distribution at the beginning of the workshop and during the workshop as needs changed as the content changed.
5. **Greg Mills-** implementation support on the days of workshops as Coordinator of all materials and personnel
6. **Ken Caplin-** early involvement in August and September 2015 in Grant writing and development of budget

4. How many non-Rotarians benefited from this project? Sixty-seven ELD students and seventeen disadvantaged youth were the specific targets of this first year workshop series on sequential Saturdays in March. Collateral benefits went to the eleven parents who attended, and four college level Hispanic students who came to the 2nd workshop. Unanticipated benefactors beyond the workshops occurred as well; we have received wonderful feedback from families, who now have the books in their homes and are sharing them with all members of their families (with the "DEVELOPED THANKS TO A GRANT FROM ROTARY" [see photos] **dedication** at the front of the books both in English and Spanish!). Letters of appreciation have come from students, parents and administration (samples attached). The community has been receptive to the point inquiries have been concerning having one next year which is gratifying. This family involvement has been an **unexpected "multiplied effect"** of putting these materials into the hands of these families, and more ELD students have shown interest in signing up Chemistry this year. This clearly will have a growing effect on our school community as we hope to continue this project each spring when students are preparing for course selection. Estimated total who have directly or indirectly benefited at this time is approximately **200+ students, their parents and families**, making this outreach enormously successful and well worth the months of preparation. The workshop and Rotarian support has appeared in the local newspaper, Villa Park Magazine, and OUSD school bulletins.

5. What are the expected long-term community impacts of the project? The long-term effects are the actual goal of this program which is why we hope to implement this workshop annually. The aim is to affect the futures of ELD and disadvantaged youth through the coursework decisions they make today. Therefore this workshop is viewed as (hopefully) the first in a series of annual workshops held in the spring (next year we look forward to "In Quest of the Quark II"), and not as an isolated event. The quest is for more than the quark; the quest is really for the future, and for the affirmation and strengthening of the young minds who will occupy it. As stated earlier: the advancement of world understanding begins with self-respect and access to lift oneself out of poverty. Education is the pathway which can accomplish both.

6. If a cooperating organization was involved, what was its role? Cooperating organizations included Villa Park High School which provided the classroom space, VPHS ChemClub which donated Sargent-Welch Periodic Tables, and VPHS Interact Club sorted, collated and stuffed the backpacks with all texts and materials prior to the workshop.

Financial Report – Be sure that Income equals Expenditures!

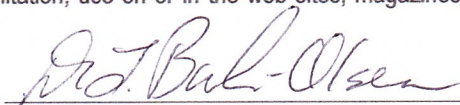
7. Income	Amount
1. District Grant funds approved by the District	1500.00
2. Club contribution	1576.09
3. Other funding (specify)	
Total Project Income	3076.09

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

1. Books and materials for learners: English	1310.00
2. Books and materials for learners: Spanish	1137.30
3. Flyers for recruitment, syllabus for workshops and expanded periodic tables	64.23
4. Translator materials	150.00
5. Graphic Artist supplies	100.00
5. Breakfast rolls and juice for students during workshops	50.78
6. Backpacks for learners	263.78
Total Project Expenditures	3076.09

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: 4.12.14

Print name, Rotary title, and club

Dr. Linda Bartrom-Olsen, Chair New Generations, Villa Park Rotary Club