

Individual Project Report

Is There A Limit To Their Horizons? Robotics in the Classroom.

Project Description



1. Describe the project. What was done, when, and where did the project activities take place?

Victoria Independent School District - O'Connor Elementary School purchased the Lego's Robotics Program; designated a classroom for the Robotic Class to use each week. The Class consisted of about 15-20 5th graders who were selected by their teachers to participate in the the Program. The students meet for 3 hour each week to study the curriculum provided by the Lego's Robotic and create various projects.

2. How many people benefited from this project? The initial 15-20 students for this current year were the first to benefit; the program will continue each school year, and will allow all 5th graders to partipate.

3. Who were the beneficiaries, how were they impacted by this project, and what humanitarian need was met? The students are the beneficiaries of the project; The Lego's Robots allowed them to learn a particiular lesson, and create a robot to show how the lesson pertained to them. For example, there was a short lesson on Frogs and their development and the invironment frogs live in . The students built several robots to represent a tadpole, and froglet, and an adult frog; and learned about the stages of a frog's life.

4. How many Rotarians participated in this project? We had 5 Rotarians visit the school and the students provided a short visual report of the Robotic Program along with a story lesson. Our entire club (18 Rotarians) will visit the school in September 2017.



5. What did they do? Please give at least two examples, not including financial support provided to the project.

We met with the principal and teacher to find out what sort of lesson and oppprtunities the Robots would offer the students; We also met the students and were about to speak with most all of them individually about the Robots, and to see how well the students enjoyed the Program. There were two students who would now like to consider engineering as a career!

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

Financial Report

Date	Description	Funding Source	Amount	%
Jul 22, 2016	Grant Awarded	District Grant	\$2,000.00	50.00 %
Jun 30, 2016	Club Fundraising efforts including annual Club Raffle and annual Club Dinner	Club/Other	\$2,000.00	50.00 %
Total:			\$4,000.00	100.00 %

Description	Supplier	Local Amount	Currency	Tax	Total	Amount
The grant application is for \$4000 for the creation of the Laboratory and purchase of the LEGOS WeDo 2.0 & EV3 kits. (NOTE: All other expenses will be covered in the operating costs of the institution, including stationary supplies, facilities, and instruction.)	LEGO Education	\$4,000.00	USD	\$0.00	\$4,000.00	\$4,000.00
Total:					\$4,000.00	\$4,000.00