

# 2013-14 District Grant-Final Report Form

( File Online- <http://www.matchinggrants.org/district> )

District Grant

P-341

Individual Project Report #

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To be completed by Rotarians. Return this form to your District.

Rotary Club: Flower Mound Texas

Project Title: Youth in Motion S.T.E.M. Project

Progress Report  Final Report

## Project Description

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

Design and build electrical generation devices utilizing bicycles. These will be used to interest students in Science, Technology, Education and Math. Direct Served Agency was Christian Community Action (CCA) of Greater Lewisville. Programs are being created and will be used for teaching underprivileged students in the Lewisville Independent School District. The devices and experiments developed will be Beta tested in Summer 2014 and deployed by CCA to targeted schools in the LISD system in the 2014/2015 school year. Project activities occurred from September 2013 – May 2014. Committee meetings and bulk of build activities occurred at the CCA facility on Mill Street in Lewisville, TX.

2. How many Rotarians participated in the project?

6

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

The 6 prime Rotary members (2 ea from FM Rotary, Lewisville morning, and Lewisville Noon) met multiple times with executives from Christian Community Action to select, plan and develop the scope of the project, design the devices that would be used, source materials and develop build plans.

Rotarians completed the build of 6 generation devices and 3 experiments to the specs developed by the Committee.

Long term goal is that this project will provide an on-going interaction between Rotarians from the 3 serving Clubs and students. We envision Rotarians assisting in the classroom and with on-going development assistance as additional experiment ideas are developed.

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

Project scope will be implemented in Summer 2014 as a Beta test at CCA, then rolled out in Fall 2014 in classrooms in the LISD.

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

Drive interest in S.T.E.M. programs for underprivileged students. Aid CCA in supporting local teachers and their students by providing projects to demonstrate conversion of mechanical energy to electrical generation and engender an interest in S.T.E.M. learning activities in these students.

6. If a cooperating organization was involved, what was its role?  
 Sci-Tech Discovery Center (<http://www.mindstretchingfun.org/>) assisted Committee and CCA with development of project ideas and lesson plans. They helped drive development of prospective future experimental projects displays utilizing the bicycle generators built. Longer term they will be a partner with CCA is sharing experiments, and helped develop lesson plans in line with LISD educational objectives.

**Financial Report** (District must retain receipts of all expenditures)

7. Income	Amount
1. District Grant funds received from the District	\$4000
2. Other funding (specify) Flower Mound Rotary Club	\$2250
3. Lewisville Morning Rotary Club	\$1250
4. Lewisville Noon Rotary Club	\$2000
<b>Total Project Income</b>	<b>\$9500</b>

8. Expenditures (please be specific and add lines as needed)	
1. Bicycle Generators	\$3660.00
2. Misc Hardware	\$69.87
3. Lumber Materials	\$552.60
4. Painting Supplies	\$43.00
5. Electrical Connectors	\$45.69
6. Racecar Sets	\$239.64
7. Non-Slip materials	\$343.63
8. Balance of funding to CCA for additional experiments, transportation expenses, signage and lesson plan materials.	\$4545.57
<b>Total Project Expenditures</b>	<b>\$9500.00</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.

Certifying Signature  Date: July 12, 2014

Print name, Rotary title, and club Alan R. Hayes, Foundation Chairperson, Flower Mound Rotary Club