

Council Name: Orange County

Submit the original completed form to your council. Make copies for your Girl Scout Gold Award project advisor and you to keep.

Contact Information

Name: Emma Kremer

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Age: 16 Grade: 12 School: Fullerton Union High School

Troop/Group Number: Troop/Group Volunteer:

Troop/Group Volunteer's Phone:

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Girl Scout Gold Award Project Advisor: Father Rob Bethancourt

Project Advisor's Organization: Emmanuel Episcopal Church

Project Advisor's Phone: 7148715914

Email: rbethancou@aol.com



Your Team

List the names of individuals and organizations that worked with you on your Take Action Project.

More Team Members	Affiliation	Role
Sarah Kremer	Family	Help Teach about Desert Planting
Amy Kremer	Family	Plant droutr-resistant plants
Gordon Dickinson	Church	Planning
Howard Minkley	Church	Planning
John Kremer	Family	Help teach about Desert Planting
Kathy Eppick	Church	Move Rocks and help garden
Carolyn Cardamis	Church	Move Rocks and help garden
Lorra Dickinson	Church	Gardening Advisor
Jesus Pineda	Church	Gardening Advisor

Time Log

Date	Hours	Details
5/8/2016	3.00	Met with church leaders about my plan for the planters
5/17/2016	4.00	Sketched the parking lot planters out on graph paper and brainstormed about possible designs
5/28/2016	6.00	Prepared VBS presentation about CA's drought and planter project
5/31/2016	2.00	Bought supplies needed for the VBS class. Supplies included: small succulent plants, rocks, decorative shells, and mason jars.

6/2/2016	6.00	VBS class. Presented powerpoint on the drought in California. Also taught the perish how to create drought - resistant gardens.
11/15/2016	8.00	Weeded and prepared soil in 4 of the parking lot planters (with my team)
12/4/2016	1.00	Prepared and presented update on church planter project
4/3/2017	8.00	Weeded and prepared soil in 4 more of the parking lot planters (with my team)
4/13/2017	3.00	Weeded and prepared soil in 1 parking lot planter (with team)
4/20/2017	4.00	Bought and unloaded mulch needed for the planters
5/28/2017	4.00	Bought and unloaded plants needed for the planters
6/1/2017	9.00	Planted and mulched 4 planters
6/9/2017	5.00	Planted and mulched 2 planters
6/21/2017	7.00	Planted and mulched 3 planters
6/22/2017	3.00	Created "blurb" for church newspaper about my project
7/2/2017	4.00	Collected and unloaded donated rock for the planters
7/5/2017	3.00	Met with church planners about importance of using drip irrigation system

Total: 80 hrs

Budget Log

Income

Date	Amount	Details
1/16/2015	25.00	Babysat for 3 hours

3/14/2015	50.00	Clerical work for uncle's business (Mark Kremer: Speed Rating Insurance)
5/18/2015	25.00	Babysat for 3 hours
6/20/2015	35.00	Babysat for 4 hours
7/18/2015	25.00	Babysat for 2 1/2 hours
7/25/2015	25.00	Babysat for 3 1/2 hours
8/7/2015	20.00	Babysat for 3 hours
1/18/2016	10.00	Babysat for 1 hour
3/5/2016	50.00	Clerical work for uncle's business (Mark Kremer: Speed Rating Insurance)
5/3/2016	25.00	Babysat for 3 hours
8/22/2016	50.00	Babysat for 6 hours
11/27/2016	20.00	Babysat for 2 1/2 hours
12/18/2016	25.00	Babysat for 3 hours
2/9/2017	50.00	Clerical work for uncle's business (Mark Kremer: Speed Rating Insurance)
3/14/2017	25.00	Babysat for 3 hours
12/2/2017	35.00	Babysat for 4 hours

Total: \$ 495
Expense

Date	Amount	Details
4/20/2017	100.00	Mulch
4/20/2017	0.00	Rocks (donated by church and community members)
5/28/2017	340.00	California Native Plants (sage and lantana)



Girl Scout Gold Award | **Final Report**

Your Name: Emma Kremer

5/31/2017	55.00	VBS Supplies
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Total: \$ 495



Project Title: Creating Community Drought-Resistant Landscapes

Start Date: 09/20/2015 **Completion Date:** 07/24/2017 **Hours:** 80

A. Describe the issue your project addressed, what impact you had hoped to make, and who benefitted.

My project addressed the current drought in California by converting empty planters in my church's parking lot to native gardens. Although my project will not solve the California drought, it will create environmentally appropriate green spaces at my church and hopefully save the church money it would have spent on watering. It might also inspire church parishioners to create their own drought-resistant native gardens and reduce their own water usage. Overall, I believe the church benefited from my project. The new drought-resistant planters are attractive and will significantly reduce the church's water bill.

B. What was the root cause of the issue? How did you address it?

The root problem of the issue was the drought in California and my church's expensive water bill. I addressed this problem by planting drought resistant gardens in the church parking lot planters. This project has not only beautified the church's landscape, but it will also reduce the water bill in the future.

C. How will your project be sustained beyond your involvement?

The planters are part of the church's grounds, and will therefore be watered by the church's sprinkler system. The church's gardeners will do periodic weeding and trimming (when needed), and the church's youth group will also help on an as-needed basis.

D. Explain the national and/or global link to your project.

Environmental conservation and consideration are national and global problems. In CA, the drought has reminded citizens of the importance of water conservation. By creating drought-resistant planters, my church will do its part to help conserve water and re-introducing native

species to the Southern California landscape.

E. Describe any obstacles you encountered and what you did to overcome them.

The main obstacle my team and I faced while completing this project was the soil. Some of the planters had not been watered for years, and the composition of the dirt was quite poor. In fact, it was nearly impossible to break the soil up in certain areas; here, we had to wet the soil for a number of days before we could turn it and mix it with nutrients. This was pretty hard physical work.

F. Describe what steps you took to inspire others through sharing your project. (Website, blog, presentations, posters, videos, articles, and so on).

During VBS last summer, I held a class in which I educated parishioners about the impact of the drought on California. After my presentation, we did a hands-on activity in which the participants were able to create their own "mini" drought-resistant gardens in mason jars.

In the months that followed, I kept the church leaders updated through emails and informal discussions and meetings. On one Sunday, I updated the church parish about my project and encouraged them to donate decorative rocks to the planter gardens. After the project was completed I sent in a report or "blurb" to the priest to post on the Church's website.

G. Describe what you learned from this project including leadership skills you developed. What did you learn about yourself as a result of this project?

I learned about the seriousness of California's drought and the impact humans make on the environment in general. In terms of leadership, I learned how to manage a big project as well as interact with adults. Overall, I learned that I can work with adults fairly easily. This came as a bit of a surprise because I am very shy and did not think I would be able to do this.

H. What was the most successful aspect of your project?

The most successful aspect of my project was the reintroduction of California natives to my Church's planters. Not only will this save my Church money in terms of water usage, but it recognized the importance of using appropriate species in my region.

I. What aspects of your project would you change or do differently if you could start over?

If I could do one thing over, it would be my VBS lesson. In the beginning, I was thinking of planting succulents in the planters and therefore taught the parishioners how to plant succulent gardens. However, my plan soon changed as I did more research about California's environment. I eventually decided to plant native plants. If I were to do things differently I would have taught the parishioners how to plant native gardens - not succulent gardens.

Impact Chart

Using the Impact Chart, describe the impact signs your project has had and will have on your community and your target audience.

Impact On . . .	Goals	Examples of Immediate Impact	Possible Future Impact
Community	What community issue was addressed?	What are concrete examples that you made a difference?	What examples of the project impact might you see in future?
	I addressed the drought in California by encouraging people to plant drought-resistant gardens.	The water bill at the church decreased within a few months and the planters were immediately beautified.	I hope to see a lot more desert gardens planted in my community!
Target Audience (workshop participants, other youth, community members, and so on)	What skills, knowledge, or attitudes did your target audience gain?	What examples demonstrate that the target audience gained skills or knowledge?	What would be examples of a longterm impact on your target audience?
	My audience learned about the importance of conserving water and about the importance of planting appropriate gardens for our climate and terrain.	Many parishioners have come up to me, since the lesson I taught at VBS, and have told me about their own drought resistant gardens at their home.	I will know the target audience gained skills or and knowledge by gauging whether my VBS audience seems receptive, and by tracking whether participants have planted their own drought-resistant gardens.

Impact...	Goals	Examples of Immediate Impact
You	Which of the 15 Girl Scout Leadership Outcomes* listed do you think you were able to develop through this project?	Within each leadership key (Discover, Connect, and Take Action), list one or two examples of your growth as a leader.
	<p>Discover :</p> <p><input type="checkbox"/> I developed a stronger sense of self.</p> <p><input type="checkbox"/> I developed positive values.</p> <p><input checked="" type="checkbox"/> I gained practical life skills.</p> <p><input checked="" type="checkbox"/> I sought challenges in the world.</p> <p><input checked="" type="checkbox"/> I developed critical thinking.</p> <p>Connect :</p> <p><input type="checkbox"/> I developed healthy relationships.</p> <p><input checked="" type="checkbox"/> I promoted cooperation and team building.</p> <p><input checked="" type="checkbox"/> I resolved conflicts.</p> <p><input type="checkbox"/> I advanced diversity in a multicultural world.</p> <p><input checked="" type="checkbox"/> I felt more connected to my community, locally and globally.</p> <p>Take Action:</p> <p><input checked="" type="checkbox"/> I have identified community issues.</p> <p><input checked="" type="checkbox"/> I was a resourceful problem solver.</p> <p><input type="checkbox"/> I advocated for myself and others, locally and globally.</p> <p><input checked="" type="checkbox"/> I educated and inspired others to act.</p> <p><input checked="" type="checkbox"/> I felt empowered to make a difference in the world.</p>	<p>Discover: I discovered that CA's drought is far worse than I assumed, and I also discovered that there are many simple things one can do to reduce human water usage. In terms of leadership, I discovered that I am more comfortable in a leadership position than I thought I would be. I also discovered that I like interacting with adults in a project management position.</p> <p>Connect: I first connected with the church congregation by discussing my plan with church leaders. Through various meetings, we discussed my plans for the parking lot planters. Furthermore, I also connected with the wider community through the class I taught at VBS. Although VBS was organized through the church, it was open to the entire community. I educated people on the drought in California and led a hands on activity in which people learned how to create their own drought resistant gardens.</p> <p>Take Action: I first took action when I assembled my team which consisted of family members and church parishioners. Once the planning was complete, my team and I started to prep the soil. We weeded and turned the soil in the planters. After, we planted native plants, and mulched the surrounding soil. Finally, we placed rock artistically around the plants.</p>

*Want more information on the Girl Scout Leadership Outcomes? Visit

http://www.girlscouts.org/research/publications/outcomes/transforming_leadership.asp

Possible Future Impact

How do you think your leadership skills will grow in the future because of this project?

I believe my future leadership skills will grow because I have acquired new confidence in my abilities to interact with various types of people. Due to this new-found confidence, I plan to take on more challenging leadership roles at my school and in my community. For example, I am about to start my senior year of high school. I ran and was elected president of Tri-M (a music honors society). Furthermore, I have been chosen as costume shop manager for my school's theatre department. I do not know if I would have pursued these leadership positions if I had not proven to myself through the Girl Scout Gold Award that I am capable.

Your Signature: _____ **Date:** _____

Project Advisor's Signature: _____ **Date:** _____

Council Representative Approved: _____ **Date:** _____