



Girl Scout Gold Award | Final Report

Your Name : Katie [redacted]

Council Name: North East Ohio

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

Your Information:

Name: Katie [redacted]

Country: United States

Street Address: [redacted]

City: Louisville

State: OH

Zip Code: 44641

Email: k [redacted]

Phone: [redacted]

Age: 18

Graduation Year: 2021

School: Louisville High School

Troop/Group Number: 60822

Troop/Group Volunteer: Julie [redacted]

Troop/Group Volunteer's Phone: [redacted]

Email: [redacted]

Girl Scout Gold Award Project Advisor: Rick [redacted]

Project Advisor's Organization: Stark County Bee Keepers Assn

Project Advisor's Phone: [redacted]

Email: [redacted]

Your Team: List the names of individuals and organizations you worked with on your project.

Individual (if applicable)	Organization	Team Role
Diane [redacted]	Stark County Beekeepers Assn	Beekeeping educator
Dan [redacted]	Service Director	City Approval



Your Name : Katie [redacted]

Gold Award Project Description:

Title: Preserving Constitution Town's Pollinators

Start Date: 6/19/2020

Completion Date: 2/28/2021

Hours: 112.00

The theme(s) my Gold Award will address is/are:

- Environment & Sustainability
- Education
- Poverty
- Civic Engagement

My Gold Award addressed this issue:

My Gold Award project aims to address the decline in the honey bee population, which poses a threat to global agriculture. The decline of honey bees, if not addressed, could possibly cause them to become extinct, therefore affecting the pollination of the food supply for the entire world. Placing my beehive in the park will involve the entire community, setting the example of preservation and providing the benefits of the pollinators. By creating a Facebook account, I will educate the entire world by posting videos and pictures of information to help protect the honey bee population. I will also have seminars in my community for adults and youth groups presented by myself with the help of local beekeepers. The honey I harvest from my beehive each year will be donated to my local food bank to help the less fortunate in my community.

Gold Award Experience Log

Scroll to end of document to view photos, video and text posts.

Gold Award Time Log

Date	Activity	Details	Hours
6/19/2020	Research	Researching strains of bees and their performance	1.75
6/19/2020	Shopping	Placed order for honeybees	0.25



Girl Scout Gold Award | Final Report

Your Name : Katie [REDACTED]

6/20/2020	Shopping	Buying sugar for bee food syrup	0.50
6/20/2020	Planning	Meeting with mentor to determine necessary beekeeping equipment	0.75
6/20/2020	Shopping	Ordered beekeeping equipment	0.50
6/22/2020	Planning	Contacting Mayor of Louisville and discussing project plans.	0.25
6/22/2020	Planning	Contacting Louisville City Council	0.25
6/22/2020	Planning	Contacting Mentors	0.25
6/23/2020	Implementation	Meeting with park director and discussing plans to move forward with project	1.00
6/23/2020	Implementation	Meeting with mentors	1.25
6/24/2020	Shopping	Purchased and picked up hive from supplier	0.75
6/24/2020	Set up	Assemble hive	0.75
6/24/2020	Shopping	Picking out and picking up bee package	0.75
6/24/2020	Set up	Placing honey bees into hive and attached queen cage to frame	2.75
6/24/2020	Set up	Making syrup and filling bee feeders	1.25
6/24/2020	Planning	Meeting with park director to select location in park	1.25
6/25/2020	Set up	Marking location in park by measuring, spray painting, and marking off area for park maintained crew	1.00
6/26/2020	Planning	Contacting Louisville City Park Director	0.25
6/26/2020	Set up	Fill syrup feeder	0.25
6/27/2020	Shopping	Purchased cement blocks for hive base at	0.50



Girl Scout Gold Award | Final Report

Your Name : Katie [REDACTED]

		park from Lowes	
6/27/2020	Shopping	Purchased cement paint at Ace Hardware	0.25
6/27/2020	Set up	Painted cement blocks all sides 2 coats for park	3.00
6/27/2020	Set up	Checked hive for queen release in queen cage	0.50
6/28/2020	Set up	Fill syrup feeder	0.25
6/28/2020	Implementation	Cut out and sew 10 Covid-19 masks	3.25
6/29/2020	Research	Contacting and discussing fence types and cost with multiple local fence companies	1.50
6/30/2020	Set up	Fill syrup feeder	0.25
7/1/2020	Set up	Checking hive for queen activity	0.75
7/2/2020	Planning	Meeting with mentor for location approval	0.50
7/2/2020	Set up	Fill syrup feeder	0.25
7/2/2020	Shopping	Purchased beekeeper suit from Kelly Bees	0.50
7/3/2020	Set up	Building 10 frames with wax for hive	3.25
7/4/2020	Set up	Fill syrup feeder	0.25
7/6/2020	Shopping	Contracted South Way fence to install fence	0.50
7/6/2020	Shopping	Received and signed contract with Southway Fence	0.25
7/8/2020	Set up	check hive for worker activity	0.75
7/10/2020	Set up	Checking hive with state bee inspector for	1.25



Girl Scout Gold Award | Final Report

Your Name : Katie [REDACTED]

		hive inspection/certified disease free	
7/10/2020	Shopping	Purchasing and repackaging snacks and baked goods for bake sale	4.00
7/10/2020	Implementation	Composed, printed, and mailed sponsor request letters	2.25
7/11/2020	Implementation	Snack/bake sale at Louisville F.O.E	5.00
7/16/2020	Shopping	Purchased landscaping cloth	0.50
7/16/2020	Shopping	Purchasing 4 medium honey supers from supplier	0.75
7/17/2020	Set up	Check frames for nectar and pollen	0.75
7/24/2020	Implementation	Purchase and repack snack/bake sale items	4.00
7/25/2020	Implementation	Snack/bake sale at Louisville Farmers Market	6.00
7/25/2020	Set up	Check frames for honey	0.75
7/25/2020	Shopping	Digging and collecting pollinator plants	2.75
7/26/2020	Set up	Landscape prep, digging out sod, adjusting soil	4.50
7/26/2020	Clean up	Unsold snack/bake sale items donated to local food bank	0.75
7/27/2020	Set up	Adjusting soil, planting perennials, water plants, and mulching	4.50
7/27/2020	Set up	Placed landscape cloth and spread 4 inch gravel base	3.00
7/28/2020	Set up	Built cement block base and leveled with sand and pea gravel	2.25
7/28/2020	Set up	Watering plants for the next 5 days	2.50



Girl Scout Gold Award | Final Report

Your Name : Katie [REDACTED]

8/3/2020	Set up	Check hive, added a honey super	1.00
8/3/2020	Set up	Watering plants at bee yard every day for 5 days	2.50
8/10/2020	Set up	Watering plants at bee yard every day for 5 days	2.50
8/23/2020	Set up	Trim distressed plants	0.50
8/29/2020	Set up	Moved beehive to permanent location in Metzger Park	2.75
9/1/2020	Set up	Check hive and added honey super	1.00
9/11/2020	Implementation	Composed community grant application from Rotary	0.50
10/3/2020	Set up	Remove honey supers and replace with empty supers	2.00
10/4/2020	Set up	Take frames to extraction house, shave wax, extract 30 frames of honey	5.00
10/5/2020	Set up	Strain and bottle honey	3.00
10/5/2020	Set up	Place empty frames in bee yard for bees to use any remaining honey residue	0.50
10/7/2020	Set up	Design and make custom labels for honey jars and apply them	1.50
11/6/2020	Set up	Take honey donation to community cupboard and interviewed by director of community cupboard for herald article	1.25
12/9/2020	Research	Researching information for seminars from books mentioned, OARDC publications	4.50
1/19/2021	Set up	Prepare report and slide show for presenting	2.00
2/23/2021	Implementation	Google Meets (x9) Louisville High School Biology classes (x6) Louisville Town and	3.75



Girl Scout Gold Award | Final Report

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		Country Garden Club Sons of Italy (Ben V. Marconi Lodge) Stark County Beekeepers Association	
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Total Hours: 112.00

Gold Award Budget Log

Project income:

Date	Source of Funding	Details	Amount
7/11/2020	Money earning project proceeds	Sold 10 Covid-19 masks at \$5 each	\$50.00
7/26/2020	Money earning project proceeds	Gross income from two snack/bake goods sale	\$347.50
8/25/2020	Monetary Donation	Town and Country Garden Club of Louisville	\$500.00
8/26/2020	Monetary Donation	Southway Fence Co.	\$750.00
8/31/2020	Monetary Donation	Nimishillen Grange	\$250.00
8/31/2020	Monetary Donation	William [REDACTED] and Kristina [REDACTED]	\$100.00
9/2/2020	Monetary Donation	Skyland Pines Golf Club	\$100.00
9/11/2020	Monetary Donation	Ventrone Excavating Inc.	\$150.00
9/19/2020	Monetary Donation	Stark County Beekeepers Assn.	\$150.00
12/14/2020	Grant	Community Grant Program from Louisville Rotary	\$800.00
1/15/2021	Monetary Donation	Ermannos Pizza	\$250.00

Total Income: \$3447.50



Girl Scout Gold Award | Final Report

Your Name : Katie [REDACTED]

Project expenses:

Date	Company	Details	Amount
6/20/2020	Aldi's	To buy sugar to make bee syrup/food	\$25.90
6/20/2020	Kelly Bee Keeping	Bee keeping equipment	\$168.25
6/24/2020	Troyer's Bee supply	3lb package of bees	\$149.00
6/24/2020	Troyer Bee Supplies	Marked queen charge	\$5.00
6/24/2020	Troyer's Beekeeping Supplies	Purchase beehive	\$268.25
6/27/2020	Ace Hardware	Cement paint	\$30.84
6/27/2020	Lowe's	Concrete blocks	\$24.95
6/27/2020	Jo Ann Fabric	Fabric to make Covid-19 masks	\$15.96
7/2/2020	Kelly Bees	Purchased 10 frames and wax to be assembled	\$73.40
7/2/2020	Kelly Bee Keeping	ProVent Bee Suit	\$186.32
7/3/2020	Ace Hardware	Nails to assemble frames	\$6.75
7/9/2020	Kelly Bee Keeping	Shipping: received wrong size suit	\$19.25
7/10/2020	Giant Eagle	Packaging for snack sale items	\$49.50
7/10/2020	Schwebles Bakery	Bulk snack sale product	\$135.24
7/16/2020	Lowe's	Landscape Cloth	\$21.19
7/16/2020	Lowe's	Pins to secure landscape cloth	\$20.15
7/16/2020	Troyer Bee Supplies	4 medium supers with wax for honey	\$214.00
7/24/2020	Aldi's	Snack sale product	\$36.10

7/27/2020	Ace Hardware	Mulch for perennials and fence	\$20.19
8/29/2020	Lucas Equipment	Hire truck to move beehive	\$40.00
8/29/2020	Ace Hardware	Weather resistant lock for bee yard gate.	\$19.12
10/6/2020	Southway Fence Co.	8x8x6 Chain link fence to enclose beehive	\$1500.00
11/4/2020	Community Cupboard	18 jars of honey at \$5 each donated to community cupboard	\$90.00
11/20/2020	Ace Hardware	Extra keys for bee yard for bee mentor and park department	\$17.02
2/12/2021	OPN Seed Co.	Purchase pollinator seeds for bee yard	\$22.42
2/22/2021	Massillon Plaque	Girl Scout Gold Award sign recognizing Katie [REDACTED] mentors, and sponsors	\$243.92
2/27/2021	Stark County Beekeepers Association.	Donation to Stark County Beekeepers Association to be used for upkeep and sustainability of the hive and surrounding area.	\$44.78

Total Expenses: \$3447.50

Gold Award Summary

The root cause of the issue my Gold Award addressed was:

The root cause of my issue is the decline of the honey bee population. Many factors including loss of habitat, use of herbicides and pesticides, colony collapse disorder, as well as other possible issues cause a decrease in the honey bee population.

I addressed the root cause of the issue by:

I addressed the root cause of my issue by presenting seminars and teaching others how they can do their part to stop the demise of honeybees.

My target audience was:

My community

Youth groups

Social Media Users Worldwide

Measurement of my project's success:

What my audience learned/gained	How I measured impact	When I measured impact
How to care for and preserve a safe environment for honey bees.	Surveys, Reactions in community, Social Media Feedback	September
My audience will learn about protecting honey bees and sustaining them in our environment.	Surveys after seminars and responses to social media.	After my surveys, seminars, blogs, and posts.

My Gold Award project goals were:

To put a beehive within my community park, and to teach and educate people within my community by seminars and around the world by social media. I will help to feed my community with the honey that is donated to my local food bank. To measure information I will document feedback from seminars, surveys, reactions of people, and support of social media. My target date of completion is October 30th.

Share if/how you reached your goals. My results were:

I started my project in June and during the course of my project I had a snack sale, mask sale, and received donations all to fund my bees. First I set up my hive, then I bought the bees. After that, I had to transfer them to Metzger Park where they will be monitored, cared, and taken over by Stark County Beekeepers association. My last step to completing my gold award project was taking the honey to Louisville Community Cupboard. I also virtually presented seminars to share information.

The skills, knowledge and/or attitudes my target audience gained were:

They gained the knowledge of knowing how to preserve Earth's most prolific pollinators. I also shared what type of bees I used which were Italian honey bees. I also showed how to care for them by feeding

them with sugar water and checking on them a lot and I also have to see if they are over crowded. Important knowledge everyone gained was that there are a lot of responsibility while taking care of bees because they are very delicate creatures.

I know that my audience gained the desired skills/knowledge because:

I know this because they had questions and congratulated me on my efforts. I also have had people say that they now understand how bees are successful and the functionality of the hive now that I have explained it to them. People who have listened and watched my seminars have told me that they are going to start doing their part to protect honey bees as well.

My Gold Award will be sustained beyond my involvement by:

After my project has been completed by myself the Stark County Beekeepers Association will sustain my beehive.

My Gold Award's national and/or global link was:

I shared my beehive with the world by using Facebook and Google Meet.

I led my team by:

Having determination and dedication to help educate people in my community about bees and how they can help the pollination system.

Shout it from the rooftops!

I told others about my Gold Award (the impact of my project, what the Gold Award is, and what I learned in earning it) by promoting via:

- Articles
- Public Demonstrations
- Presentations
- Social Media

Time to reflect!

The obstacles I encountered were:

Covid-19 was an obstacle because I had to figure out how to do Google Meets instead of in person seminars to share about my project. Coming up with money to fund my project was also difficult because I couldn't sell baked goods so I had to sell prepackaged goods instead. I also received donations which helped. I had to do the project almost completely online and by myself at home which I found was hard to do.

I overcame them by:

I overcame this by giving presentations virtually and mostly doing my project at home. During this difficult time in everyones lives it is hard to do things normally. But I came up with ways to do my project while being safe and healthy. It was important to me to do everything while being Covid safe and to not spread the virus.

The strengths, talents and skills I put into action were:

- Project Management
- Public Speaking
- Budgeting
- Courage
- Confidence
- Character
- Collaboration
- Community Building
- Decision Making
- Empathy
- Implementation
- Presentation Skills
- Problem Solving



Your Name : Katie [REDACTED]

- Time Management
- Research
- Risk Taking
- Innovation
- Organization

The leadership skills I put into practice were:

Communication, problem solving, and creativity.

I learned the following about myself:

That I can influence people to do good things.

The most successful part of my project was:

Educating youth groups and community members on how they can do their part to prevent honeybee demise.

I would change the following if I could start over:

I wish I could have done it before Covid-19 restrictions so I could educate people in person instead of online.

Through earning my Gold Award, I now demonstrate the following Girl Scout Leadership outcomes:

- Strong Sense of Self
- Positive Values
- Challenge Seeking
- Community Problem Solving
- Healthy Relationships



Girl Scout Gold Award | Final Report



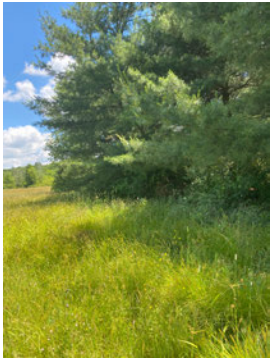

Your Name : Katie Horn

Project Advisor Name: Rick Blessing

Date of Validation: 3/1/2021

Date of Final Report Submission:

Gold Award Experience log:

	<p>Placing bees into hive</p> <p>6/19/2020</p> <p>Placing package of bees into permanent home</p>
	<p>Meeting with City officials</p> <p>6/23/2020</p> <p>Louisville City Service Director, Property Maintenance Supervisor, Bee mentor and myself discussing sustainability and requirements to place hive in specific location.</p>
	<p>Location before clearing the land</p> <p>7/1/2020</p> <p>Choosing location for placement of hive and enclosure. Before picture of location.</p>
	<p>Checking hive</p> <p>8/14/2020</p> <p>Checking hive with mentor</p>
	<p>Spread gravel around inside enclosure</p>



8/29/2020
Spread gravel around inside enclosure



Pollinator plants and mulch around enclosure
9/4/2020
Pollinator plants and mulch placed around enclosure for the bees.



Brushing bees off frame of honey
10/16/2020
Brushing bees off capped honey comb while mentor holds frame

Using smoker to calm bees
10/16/2020
Using smoker to calm bees for honey collection



Collecting frames of honey for extraction
 10/16/2020
 Collecting frames of honey for extraction



Placing frames of capped honey into bin
 10/16/2020
 Placing frames of capped honey into bin for future honey extract

Uncapping Honey
 10/17/2020
 Uncapping frames of honey with hot knife for extraction at mentors house



Picture of extractor full of honey frames

10/17/2020

Picture of extractor full of honey frames while mentor and I work on uncapping more frames



Holding extracted frame with mentor

10/17/2020

Holding extracted frame with mentor



Honey donation to Louisville Community Cupboard

11/12/2020

Honey donation to Louisville Community Cupboard

