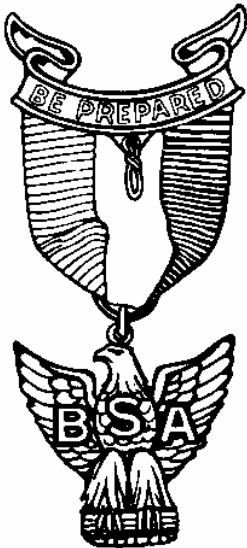


**Eagle Scout
Leadership Service
Project Workbook**



Christopher M. Getz

Scout's Name

XXXXXXXX

Address

XXXXXX

Telephone no.

Troop 1776

Unit No.

Foothills

District

Atlanta Area Council

Local Council

Mr. Tom Morin

Unit leader's name

XXXXXXXXXX

Address

XXXXXX

Telephone No.

Mrs. Jane Whitehead

Unit advancement committee person's name

XXXXXXXXXXXX

Address

XXXXXXXXXX

Telephone No.

Project Description

Describe the project you plan to do.

For my Eagle Scout Project, I plan to build two picnic tables by the tennis courts at The Walker School. Additionally, I plan to move and re-plant some bushes and shrubs, which The Walker School will provide from another area on the campus.

What group will benefit from the project?

XXXXXXXXXX	XXXXXXXXXX
Name of religious institution, school or community	Telephone No.
XXXXXXXXXX	Marietta GA XXXXXX
Street Address	City State Zip code

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My Project will be of benefit to the group because:

My project will benefit The Walker School and students participating in the tennis program. When I played tennis this fall, there was nowhere for anybody to sit and watch the matches. Right now parents have to bring card tables to serve the snacks. The picnic tables I plan to build will not only provide seating for anybody that wants to sit and watch a tennis match but also a place to serve the snacks.

Some of the plants that would be thrown away from Walker's re-landscaping project will be used to beautify an area near the tennis courts.

This concept was discussed with my unit leader on

11/18/03

Date

June 2002

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The project concept was discussed with the following representative of the group that will benefit from the project.

XXXXXXXXXX _____ Representative's Name	11/20/03 _____ Date of Meeting
XXXXXXXXXX _____ Representative's Title	XXXXXX _____ Phone No.

First I called Mrs. Calhoun (on November 5, 2003) and I set up a meeting for Friday, November 7, 2003 at 7:30 in the morning. She is the middle school principal of the Walker School. We met in her office. We discussed the plans for my Eagle Scout Project and I presented my original idea, which was 4 or 5 picnic tables, and she scaled it down to two picnic tables. Mrs. Calhoun told me to also set up a meeting with Mr. Robertson, the Headmaster of the school.

I met with Mrs. Calhoun at my lunch and walked down to the tennis courts with her. We looked at the courts and I discussed my plans in more detail with her. We also wanted to make sure we had enough room for the picnic tables.

I asked Mrs. Calhoun about money for my project and if the school would pay for the picnic tables. She said that she doubted that there were any school funds available at this time. There is a capital campaign going on currently requesting donations from Walker families. We discussed the possibility of our family and other families who have students participating in the tennis program donating funds to Walker specifically for this project. I need to discuss this further in detail when I meet with Mr. Robertson.

On November 20, 2003 at 7:30AM, I met with Mr. Robertson to discuss the project further. Mr. Robertson thought that two picnic tables was a good idea (one on each side of the court). When I asked about planting bushes and shrubs around the tennis court, Mr. Robertson informed me that another area of the Walker campus was being re-

landscaped. Because the bushes and shrubs were going to be removed and discarded, we realized that we could use these plants around the tennis courts. We went outside and looked at the area of the Walker campus that was going to be re-landscaped and the bushes and shrubs that we could use for this project. There were various types of holly bushes and monkey grass, which appeared, healthy and small enough to be removed and re-planted.

Mr. Robertson confirmed that the school would not be providing any of the money for my project, but could provide the bushes and shrubs as described above. I will need to purchase my own construction and planting materials from stores such as: Home Depot, Lowe's, or Pike Nurseries.

On Saturday, December 6 2003 I met with Mr. Robertson at Walker again. We talked about the shrubs to be re-planted and he gave me his ideas for the re-planting by the tennis courts. This is how I drew up my landscape plan which is included in this project workbook.

Project Details

Present Condition

The area surrounding the two tennis courts is fairly bare and desolate and could definitely use some picnic tables and plants. The area has a gravel parking lot on its west side without many plants or bushes. A warehouse /industrial park overlooks the north side of the tennis courts. And, there is a small wooded area to the south and east.

On the east side of the tennis courts there is a poured concrete pad measuring 31ft x 18ft and the west side there is another poured concrete pad measuring 31ft x 18ft. Each pad has enough room for its own picnic table.

See “before” photographs included in this project workbook.

Plans / Drawings / Designs

See Landscape Plan included in his project workbook. It shows where the picnic tables and re-planted shrubs will be.

See Picnic Table Design included in this project workbook. It shows instructions for woodcutting and assembly.

See “before” pictures included in this project workbook.

Materials

To determine the materials needed to build the picnic tables, I borrowed my Dad’s book by American Woodworker called Step-by-Step Guide to Outdoor Furniture for the Backyard Builder. From the book, I chose the All-America Picnic Table design and I have included copies of pages from book in this project workbook. The two picnic tables will be made from pressure treated, water repellent pine. I modified the size of the picnic table to make it a little smaller and then, determined the shopping list and cutting list listed below:

CUTTING LIST

Piece	Number	Thickness	Width	Length	Material
Legs	8	1.5 in	5.5 in	33.0 in	2x6 pine
Seat Supports	4	1.5 in	5.5 in	58.5 in	2x6 pine
Battens	6	1.5 in	3.5 in	28.5 in	2x4 pine
Diagonal Braces	4	1.5 in	3.5 in	30.0 in	2x4 pine
Tabletop Boards	10	1.5 in	5.5 in	72.0 in	2x6 pine
Seat Boards	8	1.5 in	5.5 in	72.0 in	2x6 pine
Seat Cleats	4	1.5 in	5.5 in	11.0 in	2x6 pine

SHOPPING LIST
(Picnic Tables)

Material	Size/Item	Price	Number	Total Price
Lumber	2x6x8' pine	\$4.97	7	\$34.79
	2x6x12' pine	\$6.39	9	\$57.51
	2x4x8' pine	\$2.49	3	\$7.47
Hardware	2.5" galvanized screws	\$16.97	1-5lb box	\$16.97
	3.0" galvanized screws	\$4.24	2-1lb boxes	\$8.48
	3.5" galvanized carriage bolts, washers and nuts	\$0.61	32	\$19.52
Price Total				\$144.74
W/ 6% Tax				\$153.42

Shopping List
(Re-planting)

Material	Quantity	Unit Price	Total
Nature's Helper	8 bags	\$2.99	\$23.92
Planting Soil	10 bags	\$2.99	\$29.90
Shrub Fertilizer	3 boxes	\$3.99	\$11.97
Pine Straw	12 bales	\$3.29	\$39.48
Totals			\$105.27
W/ 6% Tax			\$111.59

Supplies

Supply	Cost
Garbage Bags	\$5.00
Electricity	\$0.00
Water (for plants)	\$0.00
Food and Drinks	\$100.00
Extra items	\$25.00
Total (W/ tax)	\$130.00

Tools

Tool	Quantity	Source
<i>Tools for picnic tables</i>		
Electric circular saw	1	Dad
Electric drill	1	Dad
1/4" diameter drill bit	3	Dad
3/8" diameter drill bit	3	Dad
Long shank Phillips bit	3	Dad
Pilot hole bit	3	Dad
Protractor	1	Dad
Hammer	2	Dad
Electric sander	1	Dad
Saw horse	2	Dad
Sliding T-bevel	1	Dad
Tape measure	2	Dad
Carpenter's square	1	Dad
Crescent wrench	1	Dad
<i>Tools for planting</i>		
Shovels	10	Dad & Helpers
Maddox/Pick axe	1	Dad
Steel gardening rake	2	Dad
Wheel barrow	1	Dad

General Tasks

1. Plan my Eagle Scout Project and talk to all the necessary people who will be involved.
2. Take pictures of work area and draw landscape plan.
3. Find picnic table design.
4. Price materials and supplies needed for project.
5. Estimate total cost of project and determine how to raise the money to pay for the project.
6. Write project up for approval.
7. Present project and get it approved.
8. Once approved, raise the money, buy the materials and supplies, and get tools to construct the picnic tables and re-plant the shrubs.
9. Follow the step-by-step instructions below for re-planting the bushes and building the picnic tables.
10. Announce my project at the Tuesday night troop meetings.
11. Schedule a workday with scouts and other people to move and re-plant the shrubs to the tennis court area.
12. Schedule a second workday with scouts and other people to build the picnic tables and transport them.
13. Complete the project write up and take “after” pictures of the project.
14. Write a short “Thank you” note to each of the people who contributed money to the project and include a picture of the finished project.

Step by Step Instructions

Re-Planting Shrubs

1. Deliver all purchased planting materials, supplies, and tools to the job site. (Walker tennis courts)
2. Carefully dig up plants from designated removal area.
3. Carefully move plants to tennis court area using wheelbarrow.
4. Dig holes according landscape plan and add a handful of fertilizer to each hole.
5. Prepare monkey grass beds by removing rocks and loosening soil.
6. Re-plant shrubs according to landscape plan. Use about a half a bag of Nature’s Helper to mix with soil around each shrub. Put about a half a bag of planting soil around the top of the shrub to finish the re-planting.
7. Spread pine straw around the base of each re-planted shrub and over re-planted monkey grass beds.
8. Water all re-planted shrubs.
9. Clean up the work area.

Building Picnic Tables

1. Deliver all purchased building materials, supplies, and tools to the job site.
(The Getz House)
2. Cut the wood according to the plans provided.
3. Assemble each picnic table according to the plans provided.
4. Clean up the work area.
5. Deliver the picnic tables to The Walker School tennis courts as shown in the landscape plan.

Financial Plan

I will raise the money needed to purchase the materials for the picnic tables and re-planting by asking Walker families who participate in the tennis program to make voluntary contributions. I will need to raise \$266.01 to cover the total cost of materials (\$153.42 for picnic tables and \$111.59 for re-planting). There are at least twelve families who participate in Walker tennis with me who I believe will be happy to contribute \$20 to \$30 a piece. To raise the money from the Walker tennis families I will prepare a one-page flyer, which describes what the money is going to be used for. If I raise more than the \$266.01 needed for the materials, the extra money will help pay for the supplies and food and drinks for the workers; otherwise, these snacks and supplies estimated to cost \$130 will be donated by my parents.

Schedule

November 2003 - Meet with Mrs. Nancy Calhoun, Mr. Don Robertson, and Will Cannon of The Walker School to discuss the plans for the project.

December 2003 - Meet with Troop 1776 Scoutmaster, Mr. Tom Morin, and Mr. David Brown, Eagle Scout Coordinator to discuss the plans for my project. Write up Eagle Scout Leadership Service Project Workbook and submit it to council committee for approval.

January – March 2004 – Receive approval for project. Carry out project tasks as described above and submit final report.

June 2002

Written/Printed Information

I am going to design a flyer to raise the money for the project. Copies of the landscape plan and picnic table plan will be available for the use of the helpers during the two scheduled workdays.

Helpers / Workers

For my project I will need helpers and workers for two workdays. The first workday we will transplant bushes from one area of the Walker campus to the tennis courts area. For the re-planting workday, I think I will need about 15 volunteers working 3-hour shifts for a total of approximately 45 man-hours to re-plant the bushes. The second workday we will build and transport the picnic tables. I will assign the scouts to two groups and have each group build a picnic table. I think that it will take approximately 28 man-hours to build and transport the picnic tables. Each group will have an adult to be sure the work is done safely. I will only allow older scouts and adults to do the more dangerous stuff such as using a drill to be sure nobody gets hurt. I estimate the volunteer hours will total to be about 75 hours and my planning and supervising hours to be about 40 hours for a total of 115 hours needed to complete this Eagle Scout project.

Adult Supervision

Boy Scout requirements state that there must always be at least two adults present of any troop activity or project including an Eagle Project. Any time I am working on my project an adult leader will be there. When the troop is helping me there will be adults at the site. Adults will use any tool that is forbidden for a scout to use.

Work Site

The work site for the building of the picnic tables will be at my house located at 3353 East Terrell Branch Court, Marietta, Georgia 30067.

The worksite for the planting will be The Walker School tennis courts. Walker is located on Highway 41 north of the big chicken in Marietta Georgia. The address is 700 Cobb Parkway N, Marietta, Georgia 30062.

Transportation

The transportation of supplies, materials, and tools will be my responsibility. We will buy the building materials from Lowe's for the picnic tables and the re-planting materials from Pike's. The picnic table materials will be transported in my parent's van to my house for assembly. After the picnic tables are built they will be transported by pick up truck (provided by a neighbor) to the Walker School.

Materials, supplies, and tools for the re-planting will also be transported in our van to the worksite.

Transportation of scouts and other helpers to build the picnic tables at my house and do the planting at Walker will be the responsibility of these individuals. I will make sure that we have drinks, snacks, and other food for the workers.

Approval Signatures for Project Plan

Project plans were reviewed and approved by

Religious institution, school, or community representative Date

Scoutmaster/Coach/Advisor Date

Unit Committee member Date

Council or district advancement committee member Date

Carrying Out the Project

Hours I Spent Working on the Project

Hours I spent: Planning the project 17.00 hours
 Carrying out the project 17.25 hours
 Total hours I spent working on the Project 34.25 hours

Hours Spent by Scouts, Venturers, or Other Individuals Working on the Project

[Detail of hours worked by others]

Name	Planning	Replanting	Picnic Table	Other	Total Hours
		Workday	Workday		
		Jan. 3, 2004	Jan.24, 2004		
Scouts & Friends					
Chris Getz	17.0	3.50	4.00	9.75	34.25
Nick Gaba	0	2.25	0		2.25
Mikey Murphey	0	3.50	0		3.50
Ryan Suway	0	3.50	2.50		6.00
Evan Barre	0	2.25	0		2.25
Kyle Gentry	0	3.50	0		3.50
Barry Leithead	0	3.50	4.00	1.00	8.50
Thomas McNabb	0	3.25	3.50		6.75
Charles Tinsley	0	3.00	2.50		5.50
Tony Molinet	0	0	2.25		2.25
Shane Looney	0	3.25	3.00		6.25
Grey Westfall	0	0	2.75		2.75
Teen Total	17.0	31.50	24.50	10.75	82.75
Adults					
FB Getz (Mom)	0	3.50	4.00		7.50
John Getz (Dad)	0	3.50	4.00	11.25	18.50
Henry Molinet	0	0	2.25		2.25
Don Looney	0	0	2.75		2.75
Bobbi Looney	0	3.25	2.75		6.25
Adult Total	0	10.25	15.75	11.25	37.25
Total	17.00	41.75	40.25	22.00	121.00

Total number of hours peers worked on the project: 48.50 hours

Total hours spent by me and other youth on the project: 82.75 hours

Total hours spent by Adults to complete the project: 37.25 hours

Total hours spent by all participating parties on the project: 121.00 hours

Money Raised to Fund the Project.

Family Name	Amount of Donation	Check/Cash
Suway	\$25.00	Check
Meier	\$25.00	Check
Reich	\$25.00	Check
Mctish	\$25.00	Check
Keegan	\$25.00	Check
Ondras	\$25.00	Cash
King	\$25.00	Check
Leisy	\$25.00	Check
Williams	\$50.00	Check
Murphey	\$25.00	Check
Westfall	\$50.00	Check
Total	\$325.00	

I raised \$325.00 for this project from the flyer I sent to the Walker tennis families. As the table above shows, eleven families sent me contributions which ranged from \$25.00 per family to \$50.00 per family. These funds almost covered my actual material cost of \$364.43. My family donated the \$39.43 to make up the shortfall as well as the \$91.42 to pay for the food and supplies as originally planned.

Materials Required to Complete the Project

[Detail of materials used in the project]

Job Materials	Actual Cost	Estimated Cost	Difference
Planting	\$206.28	\$111.59	\$94.69
Picnic Tables	\$158.15	\$153.42	\$4.73
Subtotal	\$364.43	\$265.01	\$99.42
Food & Supplies	\$91.42	\$130.00	(\$38.58)
Total Cost	\$455.85	\$395.01	\$60.84

Changes

I received a telephone call from Mr. Robertson of The Walker School that the school's landscape contractor came in unexpectedly and removed all of the plants that I was planning on digging up and re-planting. He told me that the landscape contractor had placed the plants near the job site by the tennis courts. Because I had not scheduled my re-planting workday and lined up the necessary volunteers, I had to purchase pine straw to put around the plants to keep them from freezing as it was very cold outside.

The Walker School actually donated a few more plants than originally planned. However, I had to purchase one Foster Holly, which is the center of one of the planned planting areas. I decided to use as many of the donated Walker plants as possible without changing the basic landscape plan I had proposed. The cost of the Foster Holly along with the cost of buying additional planting materials caused our actual planting cost to be greater than I had originally planned by almost \$95.

Other than the changes above, I came pretty close to estimating the other costs and very close in my estimate of the total hours required to complete the project.

After Photographs

[Location of pictures documenting the project]

Approvals for Completed Project

Start Date of Project 12/21/2003 Completion date of Project 02/10/04

This project was started and has been completed since I received the Life Scout rank, and is respectfully submitted for consideration

Applicant's Signature

Date

The project was planned, developed, and carried out by the candidate

Signature of Scoutmaster/Coach/Advisor

Date

Signature of representative of religious institution, school, or community

Date

Statement of Ambitions and Life Purpose

Positions held in religious institutions, school, camp, community, or other organization in which leadership skills were demonstrated.

List awards or honors received during the above service.