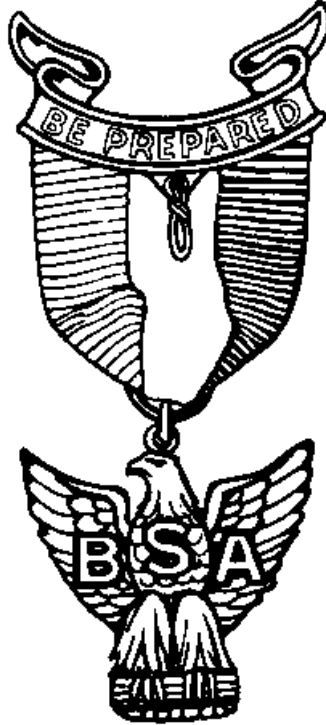


EAGLE SCOUT



SERVICE PROJECT WORKBOOK

Name	Allen Dowling
Unit	Troop 82
District	Whispering Pine District
Council	Jersey Shore Council, Boy Scouts of America

EAGLE SCOUT SERVICE PROJECT WORKSHEET

“While a Life Scout, plan, develop, and give leadership to others in a service project helpful to any religious institution, any school, or your community.”

PLAN

I conceptualized the idea for my Eagle service project, determined what religious institution, school or community would benefit, and measurably defined its goals and objectives. I discussed the idea of my proposed project with the authorizing official of the project beneficiary and my Scoutmaster. In addition, I obtained their permission to proceed.

Scoutmaster's name	Brian McAllister
Date Scoutmaster agreed	January 7th 2009
Beneficiary for whom your Eagle service project was conducted	Patriots Park of Ocean County
Mailing address of project beneficiary	1198 Bandon Road Toms River, NJ 08753
Authorizing official of project beneficiary	Signature and printed name
Date authorizing official agreed	

DEVELOP

I developed a detailed plan showing the efforts, methods and resources needed to achieve goals and objectives of my Eagle service project.

Project Approved By:	Signature	Date
Scoutmaster		
Troop Committee Chairman		
District Advancement Chairman		

PLAN

PROJECT DESCRIPTION

Broadly describe the Eagle service project you plan to do.
(Use additional pages if necessary)

The creation of 2 to 4 bat houses, for Educational purposes and to provide homes for one or more, of the following kinds of bats; little brown bat, big brown bat, northern long-eared bat, small-footed myotis, Eastern pipistrel, Indiana bat, hoary bat, red bat and silver-haired bat.

Bats are extremely important. Yet due to years of unwarranted human fear and persecution, bats are in alarming decline. By putting up a bat house, I would be helping them by giving them a home. The park will also benefit from having fewer pests, such as mosquitoes. As the primary predators of night-flying insects, bats play a vital role in maintaining the balance of nature. In addition, as consumers of vast numbers of pests, they rank among humanity's most valuable allies.

DEVELOP

The Detailed Plan

The organization and work schedules of the personnel needed, and how they will be recruited, trained and supervised.

Day 1: A group of scouts, recruited from my troop, will gather at a place, early on a Saturday morning, (between 0900 and 1000), preferably, this place will be a workshop. The house(s) will be constructed in the manner shown (see attached Plans/Instructions/pictures). Construction will take course over the day, breaking about 1230 for lunch, and then continuing until around 1400 or 1500. [The wood needs to be cut, sanded, and varnished. Then the House(s) are to be assembled in the fashion of attached instructions.]

Day 2: The scouts will meet at Patriots Park (1000), at this time; locations for the bat house(s) will be scouted out, and marked. The Bat houses will be put between 10 and 20 feet in the air (preferably 15), on wooden posts. The houses should also face SE-SSE, to ensure at least 6 hours of sunlight over the course of the day, coupled with the dark varnish or exterior paint, this will help to warm the house and make it more attractive to residents. Taking weather and conditions into account, Augurs should be used to dig the holes for the post, and for at this point in time digging with post-hole diggers would be futile at best. With the houses, and signs(giving information on the habitat above) mounted on the poles, and placed in the holes, (3-5 feet deep) they will be given a concrete foundation. Based upon conditions the concrete will harden and settle within the next few days, so until such is reached the posts will be anchored with the guy-wire and stake method.

DEVELOP

The Detailed Plan

The kinds, quantities and costs of materials and supplies needed, and how they will be acquired and used.

Item	Description	#	Cost (PU) (USD)	Total (USD)	Obtained from
exterior plywood	Heavy duty plywood for construction of houses	3 sheets	15 Per sheet	45	Donation
Galvanized Screws	Weather resistant screws for putting the house together	1 box	5	5	purchase
1/4 th in. mesh (plastic preferred)	mesh for a "landing pad"	3 feet	4 (per foot)	12	donation
Exterior Caulk	Insulation on joints, further weather proofing	1 tube	3	3	purchase
Exterior Staples	Heavy duty, weather resistant staples for attaching mesh	1 box	3	3	purchase
Dark stain (or varnish)	Finisher, further weather resistance, and heat absorption	2 cans	10	20	donation
Table saw	Circular saw for cutting wood to desired size	1	50	50	Donation of use
Power Drill	Makes holes and drive screws	2	25	50	Donation of use
Staple gun	Adds staples to mesh to hold it in place	1	25	25	Donation of use
Sand paper	Preparation of wood for varnish	4 packages	3	12	Purchase
Post hole digger	For digging Holes	2	25	50	Donation of use
Fence post (uncut)	For Mounting houses	30 ft	25	50	Donation

Cement	For setting	3bags	15	45	purchase
total				370	

DEVELOP

The Detailed Plan

Drawings, illustrations, maps, photographs or sketches that reflect the need or condition requiring the efforts of the Eagle service project, or that will be used to help carry out the project.

See attached

DEVELOP

The Detailed Plan

Special regulations or restrictions that apply, including those, which conform to the wishes of the beneficiary for whom the project is undertaken, and, those which comply with the rules and regulations of government agencies.

- Mounted out of the way (out of paths, fields)
- Use of non-toxic materials (as not to harm bats)
- Use of weather resistant supplies (so the houses remain usable for a long period of time)
- Small openings (To block the admittance of predators of bats)
 - Opening which prevents the build-up of guano

CARRY OUT

Accomplish the planned Eagle service project

The organization and work schedules of the personnel who participated, and how they were recruited, trained and supervised.

Name	Team	In time	Out time	Recruited	Type
Brian McAllister	Home	12:30	17:00	From Troop	Leader
Martin Eisenschmied	home	12:30	17:00	From Troop	Leader
Ben Geltzeiler	Away	11:00	17:00	From Troop	Leader
Mike Manning	Home	11:30	15:00	Family	Leader
Dave Goodwin	Away	12:30	16:45	From Troop	Leader
Fred Weber II	Home	12:30	16:45	From Troop	Leader
Mr. Langschultz	Home	11:00	16:45	From Troop	Leader
Stan Fernandes	Home	13:15	16:45	From Troop	Leader
Joe Kirk	Home	14:00	15:30	From Troop	Leader
Matt Eisenschmied	Home	12:30	14:30	From Troop	Scout
Alex Eisenschmied	Home	12:30	16:45	From Troop	Scout
Andrew Eisenschmied	Home	12:30	16:45	Family (from troop)	Webelow Scout
Adrian Dowling	Away	12:30	16:45	From troop	Scout
David Selph	Away	12:30	18:00	From Troop	Scout
James Langschultz		11:00	15:30	From Troop	Scout
Richard Fernandes	Home	13:00	16:45	From Troop	Scout
Tyler Kirk	Home	14:00	15:30	From Troop	Scout
Zack Geltzeiler	Away	11:00	16:45	From troop	Scout
Steven McAllister	Home	12:30	16:45	From Troop	Scout

Teams: Home- Stayed at Building Site (Mr. McAllister's house), to build houses

Away- Traveled to patriot's park ahead of time to prepare area and dig holes

CARRY OUT

Accomplish the planned Eagle service project

Logs of dates and hours involved in carrying out the Eagle service project, the volunteers who assisted and how much time each spent on the project.

Name	Time in	Time out	Total time (Hr:Min)
Brian McAllister	12:30	17:00	4:30
Martin Eisenschmied	12:30	17:00	4:30
Ben Geltzeiler	11:00	17:00	6:00
Mike Manning	11:30	15:00	3:30
Dave Goodwin	12:30	16:45	4:15
Fred Weber II	12:30	16:45	4:15
Mr. Langschultz	11:00	16:45	5:45
Stan Fernandes	13:15	16:45	3:30
Joe Kirk	14:00	15:30	1:30
Matt Eisenschmied	12:30	14:30	2:00
Alex Eisenschmied	12:30	16:45	4:15
Andrew Eisenschmied	12:30	16:45	4:15
Adrian Dowling	12:30	16:45	4:15
David Selph	12:30	18:00	5:30
James Langschultz	11:00	15:30	4:30
Richard Fernandes	13:00	16:45	3:30
Tyler Kirk	14:00	15:30	1:30
Zack Geltzeiler	11:00	16:45	5:45
Steven McAllister	12:30	16:45	4:15
total			77:30

Project took place on 2/14/2009

CARRY OUT

Accomplish the planned Eagle service project

Drawings, illustrations, maps, photographs or sketches that help measure the results achieved by the Eagle service project.

See Attached

CARRY OUT

Accomplish the planned Eagle service project

The leadership skills you provided to successfully complete the Eagle service project.

- Delegation- Motivating the group to take then next step, on a few occasions
- Evaluation- I took the skill groupings and experience from the volunteers and assigned them tasks which they would excel, and I took their experience for aspects of the project,(such as concrete preparation) into consideration in the decisions I made.
- Preparation for the worst- I would encourage scouts to use safety equipment such as safety goggles and dust masks when handling tools, and the like.
- Budgeting- I collected donations, held on to them, and used them to pay for supplies and for lunch.

- **CARRY OUT**

Accomplish the planned Eagle service project

The results achieved by the Eagle service project.

Variations between the approved plan and actually carrying out the project. Obstacles encountered; why these were unforeseen and how they were overcome.

Original plan/ Obstacle	Changed element/Action	Outcome
Church pews for church on Harmony road, failure to make contact with contact	Project change to Bat houses for Patriots park	Project completion
Approval process at county level to take 30 days	Negotiations	Approval for the next weekend, the weekend the project was to take place
Varnish wood; for color, and to protect wood	Changed to Pressure treated wood	The wood's darker color, and pressure treating removed the need for varnish
Use of Exterior caulk for insulation against weather	Removal of Product, for the wood used is thick enough to provide ample protection	Amount taken out of total budget
Day 1: Build Day 2: Install	Changed to one day with two teams	The project was completed ahead of schedule
Build two houses	Due to excess of materials it was seceded to make two housing units	There are now four houses placed in two, two house units

CARRY OUT

Accomplish the planned Eagle service project

Materials (actual)

Item	#	Cost(PU) (USD)	Total (USD)	Obtained from
Exterior Plywood	2 sheets	29.97	26.97	1 from Donation 1 discounted 10% (Lowe's)
Galvanized Nails	1 box	2	2	Donation (Mr. Langschultz)
1/4inch Diamond mesh	27"x 96"	8.56	7.70	Discounted 10% (Lowe's)
Exterior Staples	1 box	2	2	Donation (Mr. Geltzeiler)
Circular Saw	1	35	35	Donation (Mr. Langschultz)
Power Drill	3	15	45	Mr. Manning, Mr. McAllister, Mr. Geltzeiler
Staple Gun	1	10	10	Mr. Geltzeiler
Nail Gun	1	20	20	Mr. Langschultz
Post hole Digger	2	12	24	Mr. Langschultz
4x4x16	2	16.97	15.27	1 donation, 1 discounted 10%(Lowe's)
hammer	2	5	10	Mr. Langschultz, Mr. Geltzeiler
Cement	6	3.87	17.40	1 donation, 5 discounted 10% (Lowe's)
2x4x8	2	2.79	5.02	Discounted 10%(Lowe's)
Case of water	1	5.99	5.99	Purchase from Stop + Shop
Pizza (large)	5	10.95	50	Purchase with \$.95+tax off (Dante's)
Safety Goggles	2	1.99	5.97	Purchase from County line Hardware
5 pack Dust masks	2	3.48	6.96	County line hardware
Total			358.55	

CARRY OUT

Accomplishing the planned Eagle service project

My Eagle service project was carried out and achieved the goals and objectives, as provided in the detailed plan approved by my Scoutmaster, Troop committee, and the district advancement committee. Any exceptions, amendments or changes to the approved plan have been noted and explained in my Eagle project workbook.

Date I started to plan and develop my Eagle service project	12/10/2008
Date the actual work began to be carried out	2/14/2009
Date all the work was finished and my project was completed	2/14/2009
Number of hours I spent planning and developing my project	10Hrs
Number of hours other volunteers spent on my project	77:30 (Hrs:Min)
Total number of hours everyone spent on the project	87:30 (Hrs:Min)

EAGLE CANDIDATE CERTIFICATION

My Eagle service project was planned, developed and carried out since becoming a Life Scout and before my 18th birthday and is respectfully submitted for consideration by the Eagle board of review.

(Eagle candidate)