Boy Scout Requirements Information Packets at Wertheim National Wildlife Refuge

September 2016

Notes and information about the "Scout Program" for Wertheim personnel:

The following materials cover requirements for various Boy Scout badges. These are activities that cover requirements for BOTH the Cub Scout Program and the Boy Scout Program.

Generally ... the Cub Scout program boys will be in the age range of 7 through 10 years old, and the Boy Scout program has boys in ages 11 through 17.

Both program groups will have volunteer leadership that should always come in the form of two, or more, adults arriving with the Scouts. You should expect at least one of the adults to accompany and be physically present with the Scout, or Scouts, when you are presenting, supervising or assisting with an activity. Again, generally ... as a BSA personal safety and security policy, you, or any adult, are never to be alone with the Scout or Scouts.

The various badge requirements are appropriate to the age levels and you can expect the skill sets of the Scouts to be age appropriate as well. The specific badge requirement the Scout(s) need to complete, requires only the completion of the "written description" of that requirement(s). Additional information can be presented and discussed as agreed upon, but is not required to "satisfy" a badge's requirements.

A library box of Scout Books is provided at the Visitor Center desk as reference for Wertheim personnel and visiting Scouts and their leaders. The books should be utilized in activity planning and completion of the requirements while the Scouts are on-site. The materials in this guide will give you a quick overview of the various requirements that are possible at the Wertheim Refuge. Many activities do not require Wertheim personnel to participate.

IF ... you are willing, the Scout Program is always in need of people whose professional, hobby, or general life experiences make them very knowledgeable in specific areas of skill. In a file enclosed, there are registration materials for the Scouting program you can fill-out and become a registered and certified Scout counselor. It will require some on-line training (BSA-Youth Protection), the certificates for the course(s) completed and an "Adult Application" to be presented to the local Scout Council (the supervising entity) for your certification.

The local council is:

Suffolk County Council
The Boy Scouts of America (abbrv.- BSA)
7 Scouting Blvd Oust off Horseblock & Industrial) Medford, NY 11763
(631) 924-7000

Once you complete the registration form and attach your on-line training certificate, forward (or drop off) a sealed envelope to the attention of the Council Advancement Committee, at the above address.
The Cub Scout Program
at
Wertheim National Wildlife Refuge
Long Island Refuge Complex

Refuge hours are sunrise to sunset
340 Smith Road
Shirley, NY 11967
(631) 286-0485

Office hours are 8am to 4pm- Monday through Friday
Visitor Center hours are 9am to 4pm- Monday through Saturday

CUB SCOUT PROGRAM
Advancement steps: Tiger Wolf Bear Webelos

TIGER- Backyard Jungle
Requirement 1'- Page 33  1-Foot Hike- Examine a one square foot area for its contents
Requirement 2 - Page 36 Point out 2 different kinds of birds
Requirement 4- Page 39 Build a Bird House {This is an activity that could be scheduled)
Requirement 5 - Page 41 Take a walk and Identify 2 different sounds

TIGERS in the WILD
Requirements 2 & 4 - Pages 97 & 101 Go for a short hike & Identify 3 different plants, animals, or signs of such
Requirement 6- Page 104 Identify 2 different trees and 2 different plants
Requirement 3A, B, & C- Pages 14 & 15 and pages 98-100 The Outdoor Code and No Trace Principles
Requirement 6 - Page 106 Visit a Nature Center

WOLF - Call of the Wild
Requirement 3 - Page 39 On an outing identify four different types of animals

WOLF-Council Fire
Requirement 4B- Page 59 For service opportunities, check with the Refuge Office (Volunteer Coordinator)

WOLF - Paws on the Path
Requirement 5- Page 102-103 and pages 13-15 Recite the Outdoor Code & Principals of No Trace before hiking
Discuss respecting wildlife
Requirement 6-Page 104 Go on a 1 mile hike, observe and record

BEAR - Fur, Feathers, and Ferns
Requirement 1 - Page 73 While hiking, identify 6 different "signs", animals, and plants & review the Outdoor Code and No Trace Principles
Requirement 3 - Page 81 Visit a wildlife refuge (or zoo, nature center, etc.)
Requirement 4 - Page 82 Observe wildlife (use the Scout's homemade periscope)

Requirement 5 - Page 84 Use a magnifying glass to examine plants

Requirement 6 - Page 86 Learn about composting (the refuge has both composting & recycling programs)

WEBELOS - Walkabout

Requirement 3 - Page 103 Poisonous plants (and insects and dangerous animals)

Requirement 6 - Page 112 Go on a 3 mile hike (the connector trail and long loop of the White Oak Trail)

Requirement 7 - Page 115 For service opportunities, check with the Refuge Office (Volunteer Coordinator)

WEBELOS - Into the Wild

Requirement 3 - Page 434 Watch birds for 1 week and record your finds

Requirement 4 - Page 436 Learn about bird flyways

Requirement 5 - Page 437 Watch 4 or more creatures in the wild, record and describe

Requirement 6 - Page 440 Identify a creature found only in your area, explain and discuss

Requirement 8 - Page 445 Learn about aquatic ecosystems, explain and discuss

Requirement 9A - Page 446 Visit a nature center (zoo, museum of natural history), tell about it

WEBELOS - Into the Woods

Requirement 2 & 3 - Page 454 & page 456 Identify 6 kinds of trees and 6 different plants, explain and discuss

Requirement 4 & - Page 457 Visit a nature center and speak with someone knowledgeable about native trees

Requirement 7 - Page 462 Learn about tree growth rings and bark, explain and discuss

WEBELOS - Project Family

Requirement 5 - Page 509 Create a community service project list and complete 1 project with family, For service opportunities, check with the Refuge Office (Volunteer Coordinator)
The Boy Scout Program
at
Wertheim National Wildlife Refuge
Long Island Refuge Complex

Refuge hours are sunrise to sunset
340 Smith Road
Shirley, NY 11967
(631) 286-0485

Office hours: 8am to 4pm- Monday through Friday
Visitor Center hours: 9am to 4pm- Monday through Saturday

BOY SCOUT PROGRAM

Advancement steps: Scout Tenderfoot Second Class First Class Star Life Eagle

From the Boy Scout Handbook and the Boy Scout Requirements books, the following is a guide to advancement activities connected with the Refuge.

SCOUT Nothing specific to the Refuge

TENDERFOOT

Requirement 1c How to practice the Outdoor Code on an outing
Requirement 4b Identify local poisonous plants

Requirement 7b Complete a total of one hour of service For service opportunities, check with the Refuge Office (Volunteer Coordinator)

SECOND CLASS

Requirement 3b Take a 5 mile hike (combine the White Oak & Black Tupelo Trails)
Requirement 4 Identify or show evidence of at least 10 kinds of wild animals

Requirement 7b Complete a total of two hours of service For service opportunities, check with the Refuge Office (Volunteer Coordinator)

FIRST CLASS

Requirement 4b Demonstrate and use a GPS unit then navigate to a destination

Scouts can use the Secrets of the Forest course on the Black Tupelo Trail

Requirement 5a Identify 10 native plants to the area

Requirement 9b Investigate an environmental issue in the community examples: invasive, habitat degradation, etc.

Requirement 9d Complete a total of three hours of service for service opportunities, check with the Refuge Office (Volunteer Coordinator)

STAR

Requirement 4 Complete a total of six hours of service for service opportunities, check with the Refuge Office (Volunteer Coordinator)

LIFE

Requirement 4 Complete a total of six hours of service 3 hours (or more) of the service must be conservation related for service opportunities, check with the Refuge Office (Volunteer Coordinator)

EAGLE

Requirement 5 This requirement has a Scout plan, develop and give leadership to others, in a service project to the benefit of an institution in the community. This special project will require multiple approvals through the Scouting organization and should be a noteworthy and/or significant benefit to the recipient organization.

In the development and completion of an "Eagle Project" project, the Refuge would need a specific individual to partner, coordinate and assist in the project completion.
BOY SCOUT MERIT BADGES

From the Boy Scout Merit Badge Series books, the following is a guide to Merit Badge activities connected with the Refuge. From time to time the Wertheim National Wildlife Refuge may have a BSA certified MB Counselor on staff for one or more of the Merit Badges. Please check with the Refuge Office (Volunteer Coordinator) about Counselors or meetings with staff.

FISH AND WILDLIFE MANAGEMENT MB

The requirements for this Merit Badge can be completed at the refuge with a guest MB Counselor or with Wertheim Refuge Personnel when available. Please check with the Refuge Office (Volunteer Coordinator).

NATURE MB

Requirement 4a1 Identify 8 species of birds

Requirement 4b1 & 4b2 Identify 3 species of wild mammals and plaster cast their tracks

Requirement 4c2 Identify 3 species of reptiles or amphibians

Requirement 4c3 Recognize 1 species of frog or toad by voice, or identify 1 reptile or amphibian by signs

Requirement 4g Identify 15 species of wild plants

ENVIRONMENTAL SCIENCE MB

Requirement 3e1 Research one endangered species in your state, create a report and present

Requirement 3e2 Research one recovering species, create a report and discuss

Requirement 3e3 Work with a natural resource professional and identify two projects that improve the habitat for threatened or endangered species and visit one site

Requirement 4A & 4B Choose two sites with different environments. Mark off a 4 square yard plot in each site, visit each 3 times for 20 minutes. Study, observe, journal report and discuss

Requirement 6 Find out about career opportunities in environmental science fields. Learn about education, training, and experience and discuss.

BIRD STUDY MB

Requirement 3 Learn about and use binoculars

Requirement 4 Learn about and use a Bird Field Guide. Requirement 5 Identify 20 species of birds and prepare a field notebook

Requirement 6 Of the 20 birds identified in requirement 5, learn and identify 5 by their call or song

Requirement 7 Visit a bird site with a bird club

REPTILE AND AMPHIBIAN STUDY MB

Requirement 9b Identify by site 8 species of reptiles or amphibians

SOIL AND WATER CONSERVATION MB

Requirement 7a3 Visit a wildlife refuge and report on soil, water, and energy conservation practices and programs

Requirement 7b Plant 100 trees, bushes, vines, etc. Check with the Refuge Office (Volunteer Coordinator) about planting programs

v. September 2016