

CAMP DANIEL BOONE MERIT BADGE PROGRAM

Camp Daniel Boone offers a variety of merit badges designed for all age levels within the scouting program. Study merit badge descriptions carefully as a number of them have restrictions, recommendations, prerequisites, and costs.

Red = Age Restrictions/Recommendation

Yellow = Prerequisite Merit Badge or Pre-work Required

Blue = Open to Adult Leaders

Green = Additional Cost

Orange = What to bring to session

Grey = Eagle Scout Required Merit Badge

AQUATICS MERIT BADGES

Please note that the average water temperature is in the low 60's in Lake Allen. WATER IS COLD.

BSA Lifeguard

Required Age: 15 (Open to Adults/Leaders)

This is a rigorous program that certifies a Scout to be a Lifeguard. Scouts are required to spend several hours a day (between 10:00am and 5:00 P.M.) in the Aquatics area. Physical strength, stamina, and the mental discipline to handle a great deal of written work is required. This program is recommended only for older Scouts and strong swimmers. American Red Cross First Aid and CPR / AED for the Professional Rescuer, or equivalent training courses from recognized agencies are required to complete the course. You must bring proof of current certifications in these areas to camp with you or the BSA Lifeguard card cannot be issued.

Canoeing

All Ages

This is an excellent merit badge to introduce boating to Scouts. While good physical strength and stamina adds to the experience, almost anyone can enjoy their time in a canoe once they understand the techniques. Scouts should bring a bathing suit and a towel to participate in this session.

Instructional Swim

All Ages

Thousands of young men have learned to swim in Lake Allen. If your Troop has Scouts that wish to learn how to swim, or simply want to improve their technique, our staff will be available for training during the 4:00-5:30 open program session.

Kayaking

Required Age: 14 (Open to Adults/Leaders)

Prerequisite: Swimming Merit Badge, Canoeing Merit Badge, pass the BSA Swimmers test

Students will learn proper care and maintenance of equipment, flat-water and white-water paddling skills, and more advanced techniques such as the Eskimo Roll. To participate in the class, Scouts are required to be at least 14 years of age, have canoeing and swimming merit badges, and be physically fit. Personal wet suits, shorties and river shoes may be used.

Lifesaving

Recommended Age: 12 **Prerequisite: Swimming Merit Badge**

This is a challenging merit badge that requires physical strength, stamina and decision-making ability. Scouts must bring long pants, a long-sleeved button-down shirt, and shoes that can be wet.

Mile Swim

Recommended Age: 13 (Open to Adults/Leaders)

For the ultimate test of physical fitness and swimming ability in the BSA, the session will work up to the mile every day by building endurance through supervised training sessions. Successful swimmers are recognized at Friday night's campfire.

Rowing

All Ages

Rowing has long been recognized as one of the best activities for developing strength and muscle tone in the up- per body. This session will teach the proper techniques and safety procedures for this sport. Scouts should bring a **swimming suit and a towel** for this class.

Swimming

All Ages

One of the first Eagle-required merit badges that Scouts should attempt, swimming is taught in the heat of the afternoon at Lake Allen. Participants should bring **shoes, socks, swimwear, long pants, belt, and a long-sleeved shirt that can get wet, and they should bring a pair of swim trunks or swimsuit and a towel** to every class.

Polar Bear Swim

All Ages – This is a Fun Activity, no award will be presented.

Enjoy an early morning swim in the exhilarating waters of Lake Allen. Polar Bear Swim will be offered one morning a week at 6:30 AM. A Polar Bear Plunge Patch is given to all who survive, *er*, participate.

ECOLOGY MERIT BADGES

Bird Study

All Ages

Scouts will learn about the different species of Birds and the different songs and sounds of local bird species. Scouts will develop a journal for effective bird study. ***Requirements 5 & 6 will most likely not be able to be completed while at camp.***

Environmental Science

Recommended Age: 14

Scouts will learn about ecosystems and how animals and plants play an equal role in maintaining the delicate balance of nature. We will conduct experiments to demonstrate how the removal of vegetation affects water run- off as well as others. Scouts should make sure to bring **paper and pencil**.

Fishing

All Ages

Scouts learn about fishing equipment and techniques. Scout will have the opportunity to catch, clean and cook a fresh trout. ***Requirement # 9 may not be completed at camp.***

Fish and Wildlife Management

All Ages

Scouts will learn about conservation techniques for natural resources such as responsible use of land and protection of wildlife. The course will also cover hunting and fishing laws, and ways that individuals can make a difference in the world through conservation.

Forestry

All Ages - **\$5 paid at Cradle of Forestry for guided tour**

Scouts learn forest management techniques and visit the Cradle of Forestry – the first Forestry school in the world. They also learn to identify trees and other plants as well as learn the forests role in the overall ecosystem.

Geology

All Ages

Scouts will explore the study of the earth. Learn about volcanoes, fossils, rocks and minerals here on planet Earth.

Insect Study

All ages

Scouts will learn about the different species of insects in our area, they will be able to identify and name the parts of an insect. Students will make a journal of observations. **Requirement 7 must be completed prior to camp.**

Mammal Study

All Ages

Scouts will practice techniques to study mammals in the wild. They will learn how to identify footprints left by mammals, how populations influence others, and how the animal kingdom is classified. They will also participate in a project to build a habitat for mammals.

Pulp and Paper

Required Age: 14

This class will cover the history of papermaking, how paper is made, and how paper products are used in our society. The highlight of the week is a trip to the Blue Ridge Paper mill in Canton, NC. **Long pants and closed-toed shoes** are required for this trip. Scouts under 14 cannot complete the merit badge. The age limit is based on Paper mill rules.

Reptile and Amphibian Study

All Ages

This session will cover the habits of and differences between reptiles and amphibians. In addition to learning the role these animals play in our ecosystem, Scouts will learn how to identify different types of reptiles and amphibians. **Requirement 8 must be completed outside of camp.**

Soil and Water Conservation

All Ages

Scouts will learn how to preserve natural resources and how to lessen their impact on the ecosystem by learning how to prevent erosion. They will participate in an erosion control project during the week to allow them to observe erosion control in action.

Oceanography

All Ages

Scouts will explore the science and career opportunities of ocean-based research. Learn about ocean currents and the ecosystems that make up over 70% of the earth's surface.

Sustainability

All Ages

This merit badge, in essence, takes conservation and environmental science to another level. The protection, preservation, and management of wildlife and natural resources involved in conservation provide a foundation for what we call environmental science. The latter integrates physical and biological sciences such as ecology, biology, soil science, atmospheric science, and others in order to generate solutions to environmental issues. **Please note the following requirements cannot be completed while at camp: 2-Water (a) 2-Food (a) 2-Energy (b or c) 2-Stuff (a) and 5A.**

HANDICRAFT MERIT BADGES

Art

All Ages

Scouts will learn to tell a story using pictures as well as draw an object using a variety of mediums. **Requirement #4 may not be completed.**

Basketry

All Ages - **Cost \$20.00**

Scouts will learn about the glorious world of basketry, including different types of weaves and baskets. They will purchase, create, and take home two baskets, in addition to weaving a chair.

Indian Lore

All Ages – Cost \$20.00

Through this exciting, hands-on merit badge, Scouts will discover numerous aspects of the Native American culture. Playing games, speaking the language, singing songs, listening to legends, or creating and building items similar to those utilized by our ancestors are just a few ways that participants will learn about Western North Carolina's oldest residents. Some will focus on Cherokee culture, and some groups will focus on Shawnee culture.

Leatherwork

All Ages – Cost \$20.00

The class will learn where leather comes from, how it is used, how to tan, cure, and finish it, and how to take care of it. Scouts will also get an opportunity to create their own leathersouvenir.

Woodcarving

All Ages - \$25.00

A timeless merit badge, this skill will serve you for a lifetime. Learn the best wood to carve, the tools to use, and how to carve correctly, then plan and carve two projects to take home. ***The kit includes a carving knife.***

LEADERSHIP MERIT BADGES

Citizenship in the Nation

Recommended Age: 12

Learn about the rights and responsibilities of being a citizen in the United States. Dig deeper into the founding documents such as the bill of rights and the constitution. Learn about some famous speeches and historical sites. Participants should bring the contact information for their US Senators and Congressman with them to camp. ***(Req. 8) Either 2a, 2b or 2c must be completed at home.***

Citizenship in the World

Recommended Age: 13

Scouts learn about the meaning of global citizenship and the relationship between nations and world organizations. This course requires a high level of maturity and participation. Scouts will also get to visit with a Scout from another country.

Communications

Recommended Age: 13

During this session, Scouts will participate in several written and oral activities designed to strengthen their communication skills. Scouts that prepare some material before camp will find it easier to complete this badge. ***Requirements 5, 7, and 8 must be completed at home.***

Disabilities Awareness

All Ages

In addition to focusing on disability education and public planning, this class provides a lot of hands on opportunities. Activities include playing games designed for individuals with disabilities and touring the camp looking at different facilities and discussing ways that they could be improved. Requirement 2 is not completed at camp. Please bring evidence of completion for this requirement with you. Requirement 4 has options that require visiting 2 different locations. We will visit the scout event or campsite. Please bring evidence that a 2nd visit was completed.

Law

All Ages

Scouts will learn the basics of what it is to be a lawyer. They will learn about famous trials, talk to a lawyer, learn about basic laws, and conduct a mock trial in class. ***Requirement 4, go to a law enforcement officer in your neighborhood and ask about his or her responsibilities and duties, will not be able to be completed at camp. This should be done prior to camp and brought to the counselor at camp for approval.***

Public Health

All Ages

This badge focuses on public health, disease prevention, and waste management. **Requirement 7 cannot be completed at camp. Please bring evidence of completion with you.**

Public Speaking

All Ages

Scouts will learn how to be a better presenter. This merit badge is intended for the Scouts that are not comfortable in speaking in front of audiences to join. Scouts will learn how to give a speech, make a presentation, talk impromptu in front of a class, and learn how to run a meeting.

Salesmanship

Recommended Age: 13

Cost: \$10.00 (scouts will earn this back and then some!)

Explore the world of sales. Learn what it takes to be an effective salesman. What are the responsibilities of a salesman? Scouts will obtain experience selling items at camp.

Trail to Eagle

All Ages

This is a non-credit program in which participants discuss the Eagle Scout Project requirements and how to fill out the workbook. Major changes to the Eagle Workbook beginning in January 2013 will be covered. They will also discuss the Eagle Scout Application and what it means to be an Eagle Scout. This 2 day session will be offered during free time on Monday and Tuesday.

SCOUTCRAFT MERIT BADGES

Backpacking

Recommended age: 13 Prerequisites: 8c-11

This badge focuses on camping on the trail. Scouts will learn how to prepare and plan for an extended trek in the wilderness including factors such as safety, weather, map reading, water treatment, gear selection, route planning, and food selection/storage. Reqs. 8c- 11 are NOT completed at camp.

Camping

All Ages

Prerequisites: 3, 4b, 5e, 7b, 8d, 9a, 9b

This badge is intended to introduce all Scouts to camping skills. Participants will be expected to plan a campout and show that they are packed and ready to go on a camping trip. Camping requirements 3, 4b, 5e, 7b, 8d and 9a are not completed at camp, although a Scouts week at CDB does count towards the 20 days and nights for 9a. **Requirement 9b can be completed at camp IF scouts attend extra free time activity involving a 1000ft elevation change hike and rappelling from a 30ft climbing wall.**

Cooking – TWO HOURS

Recommended age: 13

Cost: \$15.00 (for provided materials)

This badge will teach a Scout to plan, prepare, and cook meals in camping, home, and backpacking environments.

Emergency Preparedness

Recommended Age: 13

Prerequisites: First Aid Merit Badge, 2c, 8b

Scouts will learn to take care of themselves, their families, and complete strangers in case of emergencies. This is an advanced merit badge, resulting in increased confidence in the event of catastrophic events. For requirement 8b please bring a completed personal emergency service pack, as well as one meant for your family. Time permitting, this may be started in class. Requirement 2c should be completed prior to attending summer camp.

First Aid

All Ages

Scout will be instructed in basic first-aid. The group will cover identification of injuries, and then treatments such as splinting, bandaging, and basic CPR. **Requirement 5 should be completed prior to camp and brought for approval. Time may be spent outside of class completing this using troop supplies if necessary.**

Geocaching

All Ages

Scouts will learn about GPS Units, geocaching in the US. They will learn how to hide and document a geocache as well as find geocaches around CDB.

Orienteering

All Ages

Learn to use a map and compass to find your way. Plan your own orienteering course, and complete it with other scouts. Teach members of your troop about orienteering and complete courses around camp. Scouts should bring a compass.

Pioneering

Recommended Age: 13

Prerequisites: basic knowledge of required knots, lashings, and splicing.

Learn how to use rope and spars to build useful items such as bridges or tables. Learn advanced knots and how to make rope. Scouts should familiarize themselves with the required knots. Splicing is also a challenge for some scouts and it cannot be guaranteed that the badge will be totally completed. However, if scouts are willing to spend additional free time with the counselor, it is likely they will finish.

Scouting Heritage

All Ages

This merit badge provides rich, hands on history and an overview of how scouting has changed since Baden Powell began to bring his vision to reality. Access to vintage gear and written scouting history is provided.

Search and Rescue

Recommended age: 13

Scouts will learn the basics of searches and rescues, Incident command systems, and search techniques. The class will also participate in a mock scenario during class.

Signs, Signals, and Codes

All Ages

How can you communicate if talking is not an option? What if the person you are addressing cannot hear you? This merit badge offers alternate ways to communicate exploring Morse code, semaphore, American Sign Language, braille, and hand signals used in a variety of settings. There is a 'hiking' requirement, so please be ready to walk at least one mile.

Wilderness Survival

Recommended Age: 12

Prerequisites: 5

Learn how to survive in several different survival situations. Learn how to prioritize, keep warm, signal for help, get found and find safe drinking water. **Scout should bring his survival kit (req. 5) with him to camp. We strongly recommend scouts earn camping merit badge before attempting this badge. There is an overnight requirement. This may be completed at camp, however it is not for the faint of heart and obviously requires time spent outside of Class.**

SHOOTING SPORTS MERIT BADGES

Archery

All Ages – **Cost \$10.00**

Learn to make a bowstring and an arrow. Practice shooting and improve your accuracy. Scouts must shoot a score high enough to qualify for the merit badge. NO personal bows or personal ammunition are to be brought to camp.

Rifle Shooting

All Ages – **Cost \$20.00** Session is 2 hours long.

Learn basic rifle safety and shooting skills. Participants must shoot well enough to qualify for merit badge completion. **(Req. 2 Option A k&l) Requirement 2 Option A is the only option available at CDB. First year campers with no previous shooting experience are discouraged from attempting this badge.** NO personal rifles or personal ammunition are to be brought to camp.

Shotgun Shooting

Recommended Age: 13 **Cost \$30.00**

Shotgun shooting is a both physically and mentally challenging merit badge. It teaches Scouts not only how to shoot, but how to shoot safely. They will learn about different types of shotguns, ammunition, and targets. NO personal shotguns or personal ammunition is to be brought to camp. The recommended age is due to the recoil of the shotgun with potential bruising and trouble handling the gun for younger scouts

STEM MERIT BADGES (Science, Technology, Engineering, and Math)

Archeology

All Ages

An opportunity for scouts to learn about the study of human cultures through the recovery, documentation and analysis of material remains and environmental data, including architecture, artifacts, biofacts, human remains, and landscapes.

Architecture

All Ages

Scouts will learn about the thought and planning involved in designing structures and learn how to accurately scale drawings of structures.

Chemistry

All Ages

Scouts will learn about chemical reactions, build a Cartesian diver, and learn about uses of chemicals in commercial and industrial uses.

Chess

All Ages

This merit badge will be offered during Open Program Time in the afternoons. Scouts will develop critical thinking, strategy, concentration and friendships in addition to specific chess playing techniques.

Cinematography (also called Moviemaking)

All Ages

Learn about the elements of a good movie. Create a story line and learn to use filming equipment. Film your story. Learn about career opportunities in the cinematography world.

Digital Technology

All Ages

Scouts will learn becoming familiar with digitized storage, the difference between lossy and lossless data, compression and digital devices and their uses learning about computers, mobile devices, gaming consoles, and computer networks and purposes. Investigating malware and protection of digital devices.

Electricity

All Ages

Scouts will learn how we generate, transmit, and use electricity. **Requirements 2, 8, and 9A must be completed at home.**

Game Design

All Ages

Scouts will learn about the basic concepts behind the creation of game play. Scouts will test theories by creating and participating in games.

Nuclear Science

All Ages

Nuclear science gives us a simple explanation of the natural world. The ultimate goal of nuclear science is to find out if there is one fundamental rule that explains how matter and forces interact. Earning the Nuclear Science merit badge is a chance for Scouts to learn about this exciting field at the cutting edge of science today. **Requirement 4 will NOT be completed at camp.**

Photography

All Ages

Scouts must bring their own digital camera. Any cheap digital camera will do. Cell phones are allowed, but discouraged because they lack the settings available on a real camera. If a Scout brings a disposable camera, the Scout will need 4 to 5 of them because the class will take 150 to 200 pictures. If a disposable camera is used, then the Scout will have to get his pictures developed in order to show the counselor his pictures before he leaves camp in order to get credit for the merit badge. Scouts will learn how different elements affect picture quality, the basic parts of a camera, produce a story using pictures, and create a slide show focusing on a single topic of the Scouts choice.

Railroading

All Ages

Scouts will learn to identify types of trains and cars. They will learn about Amtrak and how a railroad company operates. They will learn about rail safety and railroad signals. Finally, they will design a model railroad set.

Robotics

All ages

Earning the Robotics merit badge requires a Scout to understand how robots move (actuators), sense the environment (sensors), and understand what to do (programming); he should demonstrate robot design in building a robot. You should help ensure that the Scout has sufficiently explored the field of robotics to understand what it is about, and to discover whether this may be a field of interest for him as a career.

Space Exploration

All Ages **Cost \$15.00**

Scouts learn about the how and why of mankind's journey into outer space. They have an opportunity to build, launch, and recover a model rocket. The class also encourages creative thinking towards outer space and involves designing an unmanned space mission and a manned base on another planet.

SPECIALTY MERIT BADGES - Stockton Farms

Fees for these two merit badges are paid directly to Stockton Farms.

Class Fee is \$60 for one merit badge, \$100 if taking both.

Horsemanship Merit Badge

All Ages

If any of your scouts do not have their merit badge in Horsemanship or Animal Science this is a great opportunity to earn these badges. These badges can be earned during their free time. The

Horsemanship Merit Badge is offered on Monday and Wednesday evening between the hours of 7pm and 9pm at Stockton Farms which is located less than 10 minutes from camp. This is a hands-on program. All of the horses are specially trained for the scout. These are show horses that we use in the program. No experience is required but scouts must attend both sessions to complete the program. Troops can car pool for transportation to the farm. If you have any questions, please call Ricky Stockton 828-734-2515.

Animal Science Merit Badge

All Ages

The Animal Science Merit Badge is offered on Tuesday and Thursday evening between the hours of 7pm and 9pm. This badge can be earned during their free time. Stockton Farms is located less than 10 minutes from camp. This is a HANDS-ON WORKING FARM. The scouts will be handling poultry, shearing sheep, and working with cattle. Where does food come from and what are you eating? Troops can car pool for transportation to the farm. If you have any questions, please call Ricky Stockton at 828-734-2515.

CLIMBING MERIT BADGE

Climbing Merit Badge

Recommended Age: 13

Our rock wall (made entirely out of natural stone) is the perfect place for Scouts to be introduced to the sport of climbing. Participants in the Merit Badge session should have sufficient upper body strength for climbing and for belaying other Scouts. Due to size of the facility, each two hour session is limited to ten participants. The wall looms 40 feet above the base platform and nearly 70 feet above the valley floor below. It is a great experience where scouts can build self-confidence while earning the climbing merit badge.