

Merit Badge Requirements

Art

- 4: Decorate something with an original design. Put the design on Scout equipment, furniture, ceramics, or fabric. Prerequisite

Astronomy

- 6: At approximately weekly intervals, sketch the position of Venus, Mars or Jupiter in relation to the stars. Do this for at least four weeks and at the same time of night. On your sketch, record the date and time next to the planet's position. Use your sket Prerequisite

Backpacking

- 0: CPR Certification Recommended
 10: Using LNT participate in at least three treks of 3 days each and 15 miles long. Prerequisite
 11b: On one LNT trek complete at least one service project approved by your counselor. Prerequisite
 11c: Write a report about one of the treks you've taken detailing what happened day to day and what you would do different. Prerequisite
 9e: While carrying your pack, complete a hike of at least 2 miles. Recommended

C.O.P.E.

- 0: This class takes two consecutive class periods. Other
 0a: Must be 14 years old to take this class. Prerequisite

Camping

- 5e: Present yourself to you Scoutmaster with pack for inspection. Be properly equipped and clothed for an overnight trip. Prerequisite
 7a: Plan an overnight campout by making a checklist of personal and patrol gear needed. Recommended
 7b: Pack you own gear and your share of patrol gear for proper carrying technique. Recommended
 8c: Prepare a camp menu. Recommended
 8d: Cook one breakfast, lunch and dinner for your patrol. At least one of these needs to be with a lightweight stove. Recommended
 9a: Camp a total of at least 20 days and nights. Prerequisite
 9b: Do two of the following: Hike a mountain gaining 1000 feet, Go 4 miles over the snow, bike for 15 miles, take a non-motorized boat trip for 5 miles, go on an overnight snow trip, rappel 30 feet or more. Prerequisite
 9c: Perform a conservation project approved by the landowner or land managing agency. Prerequisite

Canoeing

- 0: CPR Certification Recommended

Citizenship in the World

- 0: Earn your star rank. Prerequisite

Climbing

- 0: Be at least 14 years old before camp starts. Prerequisite
 0a: CPR Certification Recommended

Communications

- 0: Earn your star rank. Prerequisite
 5: Attend a public meeting (city council, school board, debate). Practice active listing skills and take notes on what you see. Give an objective report to your counselor on what you saw. Prerequisite

- 8: Plan a troop court of honor or campfire program. Write a script and prepare to host it as the Master of Ceremonies. Recommended

Emergency Preparedness

- 1: Earn the First Aid Merit Badge. Prerequisite
- 2c: Meet and teach your family to recognize, prevent, and react to the situations on the chart you created for requirement 2b. Prerequisite
- 6b: Identify the government agencies that normally handle and prepare for the emergency situation in your community. Recommended
- 8a: Prepare a written plan for mobilizing your troop when needed to do emergency service. Recommended
- 8b: Take part in at least one troop mobilization. Recommended

Fire Safety

- 11: Visit a fire station and identify the types of fire trucks. Find out about the fire prevention activities in your community. Prerequisite
- 6a: Draw a home fire-escape, create a home fire-drill schedule, and conduct a home fire drill. Prerequisite

First Aid

- 0: Have proof of completing your first aid requirements up to 1st class. Recommended
- 2b: Prepare a first-aid kit. Recommended

Fish and Wildlife Management

- 5: Do one of the: Prerequisite
- 5a: Construct, erect, and check at least two artificial nest boxes and keep records for one nesting season. Prerequisite
- 5b: Construct, erect, and check bird feeders and keep records on the kinds of birds visiting during the winter. Prerequisite
- 5c: Design and implement a backyard wildlife habitat improvement project and report the results. Prerequisite
- 5d: Design and construct a wildlife blind near a game trail, water hole, salt lick, bird feeder, or birdbath. Take good photographs or make sketches of 10 animals you see. Prerequisite

Forestry

- 5a: Visit a managed public or private forest area with the manager or a forester who is familiar with it. Prerequisite
- 7: Visit one or more local foresters and write a brief report about the person. Prerequisite

Hiking

- 5: Take five 10 mile hikes. Prepare a plan for each hike. Prerequisite
- 6: Take a hike of 10 continuous miles in one day following a hike plan you prepared. Prerequisite
- 7: After each of the hikes you took write a short report of your experiences. Recommended

Horsemanship

- 0: Have some riding experience. Recommended

Lifesaving

- 0: CPR Certification Recommended
- 1a: Complete Second Class rank requirements 7a-7c and First Class requirements 9a-9c. Prerequisite
- 1b: Swim continuously for 400 yards each of the following strokes: front crawl, sidestroke, breaststroke, elementary backstroke. Prerequisite

Mammal Study

- 5: Working with your counselor, select and carry out one project that will influence Recommended

the numbers of one or more animals.

Motor Boating

- 0: Be at least 14 years old before camp starts. Prerequisite
0a: CPR Certification Recommended

Orienteering

- 7a: Take part in three orienteering events. One of these must be a crosscountry course. Recommended
7b: After each event, write a report. Describe what you could do to improve. Recommended
8: Set up a course that is either at least 2000 meters long or a course that has at least 12 control points and lasts at least 60 minutes. Recommended
9: Act as an official during an orienteering event. Recommended

Pioneering

- 2a: Successfully complete Tenderfoot requirements 4a and 4b and First Class requirements 7a, 7b, 7c. Recommended

Pottery

- 7: Visit the kiln yard at the local college or crafts school. Learn how different kind of kilns work. Prerequisite

Reptile and Amphibian Study

- 8: Either maintain one reptile or amphibian for at least a month or observe a reptile or amphibian in a zoo for three months. Prerequisite
9: Do two of the following: Recommended
9a: Identify at night three kinds of toads by their voices. Recommended
9b: Identify by sight eight species of reptiles or amphibians. Recommended
9c: Using visual aids, give a brief talk to a small group on three different reptiles or amphibians. Recommended

Rifle Shooting

- 0: Be at least 14 years old before camp starts. Prerequisite

Shotgun Shooting

- 0: Be at least 14 years old before camp starts. Prerequisite

Small Boat Sailing

- 0: Be at least 14 years old before camp starts. Prerequisite
0a: CPR Certification. Recommended

Swimming

- 0: CPR Certification. Recommended

Weather

- 8: Visit a National Weather Service office or talk with a local radio or television weathercaster or build your own weather instrument and keep a log for one week. Recommended
9: Talk with your troop for 5 minutes on safety rules during various weather conditions or give a talk on Acid Rain that you've researched. Have an outline for your presentation before hand. Recommended

Wilderness Survival

- 5: Make a personal survival kit and be able to explain how each item in it is useful Recommended

Wood Carving

- 0: Earn Tot'N'Chit Prerequisite

Prerequisite means that this must be done before camp in order to finish the merit badge. Recommended means that it would be easier if it was done before camp. When an age is a Prerequisite it means the boy must be that age BEFORE he can take that badge.