



Camp Karankawa Hiking Trail

Scouts BSA Advancement

Scout Rank 1e. Repeat from memory the Outdoor Code. List the Leave No Trace Seven Principles. Explain the difference between the two.

Tenderfoot Rank 1c. Explain how you demonstrated the Outdoor Code and Leave No Trace on campouts or outings. 4b. Describe common poisonous or hazardous plants; identify any that grow in your local area or campsite location. Tell how to treat for exposure to them. 5b. Describe what to do if you become lost on a hike or campout. 5c. Explain the rules of safe and responsible hiking, both on the highway and cross-country, during the day and at night. 5d. Explain why it is important to hike on trails or other durable surfaces and give examples of durable surfaces you saw on your outing. 6a. Record your time doing a one mile walk or run.

Second Class Rank 1b. Explain the principles of Leave No Trace and tell how you practiced them on a campout or outing. This outing must be different from the one used for Tenderfoot requirement 1c. 3a. Demonstrate how a compass works and how to orient a map. Use a map to point out and tell the meaning of five map symbols. 3b. Using a compass and map together, take a 5-mile hike (or 10 miles by bike) approved by your adult leader and your parent or guardian. 2 3c. Describe some hazards or injuries that you might encounter on your hike and what you can do to help prevent them. 2 3d. Demonstrate how to find directions during the day and at night without using a compass or an electronic device. 4. Identify or show evidence of at least 10 kinds of wild animals (such as birds, mammals, reptiles, fish, or mollusks) found in your local area or camping location. You may show evidence by tracks, signs, or photographs you take. taken.

First Class Rank 1a. Since joining Scouts BSA, participate in 10 separate troop/patrol activities, at least six of which must be held outdoors. Of the outdoor activities, at least three must include overnight camping. 1b. Explain each of the principles of Tread Lightly! and tell how you practiced them on a campout or outing. This outing must be different from the ones used for Tenderfoot requirement 1c and Second Class requirement 1b. 4a. Using a map and compass, complete an orienteering course that covers at least one mile and requires measuring the height and/ or width of designated items (tree, tower, canyon, ditch, etc.). 4b. Demonstrate how to use a handheld GPS unit, GPS app on a smartphone, or other electronic navigation system while on a campout or hike. Use GPS to find your current location, a destination of your choice, and the route you will take to get there. Follow that route to arrive at your destination. 5a. Identify or show evidence of at least 10 kinds of native plants found in your local area or campsite location. You may show evidence by identifying fallen leaves or fallen fruit that you find in the field, or as part of a collection you have made, or by photographs you have taken.

Hiking Merit Badge 1. Do the following: a) Explain to your counselor the most likely hazards you may encounter while hiking, and what you should do to anticipate, help prevent, mitigate and respond to these hazards. (b) Show that you know first aid for injuries or illnesses that could occur while hiking, including hypothermia, frostbite, dehydration, heat exhaustion, heat stroke, sunburn, hyperventilation, altitude sickness, sprained ankle, blisters, insect stings, tick bites, snakebite. **2. Do the following:** (a) Explain and, where possible, show the points of good hiking practices including proper outdoor ethics, hiking safety in the daytime and at night, courtesy to others, choice of footwear, and proper care of feet and footwear. (b) Read aloud or recite the Leave No Trace guidelines and discuss why each is important while hiking. (c) Read aloud or recite the Outdoor Code and give examples of how to follow it on a hike. **3. Explain how hiking is an aerobic activity.** Develop a plan for conditioning yourself for 10-mile hikes and describe how you will increase your fitness for longer hikes. **4. Take four 10-mile hikes and one 20-mile hike, each on a different day, and each of continuous miles.** Prepare a written hike plan before each hike and share it with your merit badge counselor or a designee for approval before starting the hike. Include map routes, a clothing and equipment list, and a list of items for a trail lunch. You may stop for as many short rest periods as needed, as well as one meal, during each hike, but not for an extended period such as overnight. * (a) 10-mile hike #1 (b) 10-mile hike #2 (c) 10-mile hike #3 (d) 10-mile hike #4 (e) 20-mile hike **5. After each of the hikes** (or during each hike if on one continuous "trek") in requirement 4, write a short report on your hike. For each hike, give the date and description (or map) of the route covered, the weather, any interesting things you saw, and any challenges you had and how you overcame them. It may include something you learned about yourself, about the outdoors, or about others you were hiking with. Share this with your merit badge counselor. * **The required hikes for this badge may be used in fulfilling hiking requirements for rank advancement. However, these hikes cannot be used to fulfill requirements of other Merit Badges.**

Identify the following trees. Place the correct letter next to each picture. Trees are in order from 1-14, left to right.

- Live Oak
- Yaupon Holly
- Cedar Elm
- Bald Cypress
- Water Oak
- Hackberry
- Southern Dewberry
- Cherry Laurel
- Poison Ivy
- Green Ash
- Palmetto
- Rusty Blackhaw
- Loblolly Pine
- Possum Haw Holly

While on your hike, watch for these. Animals Bobcat, Deer, Frog, Lizard, Rabbit, Snake, Squirrel **Birds** Cardinal, Chickadee, Blue Jay, Dove, Hawk, Hummingbird, Robin, Woodpecker **Insects** Bee, Butterfly, Caterpillar, Cricket, Dragonfly, Grasshopper, Mosquito, Spider, Walking Stick, Wasp **Plants** Orange Trumpet Vine, Turk's Cap, Bamboo, Primrose, Poison Ivy, Purple Gulf Coast Penstemon, and Scarlet Sage **Outdoor Code As an American, I will do my best to — Be clean in my outdoor manners.** I will treat the outdoors as a heritage. I will take care of it for myself and others. I will keep my trash and garbage out of lakes, streams, fields, woods, and roadways. **Be careful with fire.** I will prevent wildfire. I will build my fires only when and where they are permitted and appropriate. When I have finished using a fire, I will make sure it is cold out. I will leave a clean fire ring or remove all evidence of my fire. **Be considerate in the outdoors.** I will treat the land and other land users with respect. I will follow the principles of outdoor ethics for all outdoor activities. **Be conservation minded.** I will learn about and practice good conservation of soil, waters, forests, minerals, grasslands, wildlife and energy. I will urge others to do the same. **Ten Scouts BSA Essentials** Map and Compass, Sun Protection, Extra Clothing, Flashlight, First-Aid Kit, Matches and Fire-starters, Pocketknife, Trail Food, Water Bottle, and Rain Gear.

