



## **Rank Advancement – Outings Planning**

### **Tenderfoot**

- Present yourself to your leader, properly dressed, before going on an overnight camping trip. Show the camping gear you will use. Show the right way to pack and carry it.
- Spend at least one night on a patrol or troop campout. Sleep in a tent you have helped pitch.
- On the campout, assist in preparing and cooking one of your patrol's meals. Tell why it is important for each patrol member to share in meal preparation and cleanup, and explain the importance of eating together.
- 11. Identify local poisonous plants; tell how to treat for exposure to them.

### **Second Class**

- 1b. Using a compass and a map together, take a 5-mile hike (or 10 miles by bike) approved by your adult leader and your parent or guardian.
- 3a. Since joining, have participated in five separate troop/patrol activities (other than troop/patrol meetings), two of which included camping overnight.
- 3b. On one of these campouts, select your patrol site and sleep in a tent that you pitched. Explain what factors you should consider when choosing a patrol site and where to pitch a tent.
- 3g. On one campout, plan and cook one hot breakfast or lunch, selecting foods from the food pyramid. Explain the importance of good nutrition. Tell how to transport, store, and prepare the foods you selected.
- 6. Identify or show evidence of at least ten kinds of wild animals (birds, mammals, reptiles, fish, mollusks) found in your community.
- 8b. Demonstrate your ability to jump feet first into water over your head in depth, level off and swim 25 feet on the surface, stop, turn sharply, resume swimming, then return to your starting place.
- 8c. Demonstrate water rescue methods by reaching with your arm or leg, by reaching with a suitable object, and by throwing lines and objects. Explain why swimming rescues should not be attempted when a reaching or throwing rescue is possible, and explain why and how a rescue swimmer should avoid contact with the victim.

## **First Class**

- 2. 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.)
- Since joining, have participated in ten separate troop/patrol activities (other than troop/patrol meetings), three of which included camping overnight. Demonstrate the principles of Leave No Trace on these outings.
- 4a. Help plan a patrol menu for one campout that includes at least one breakfast, one lunch, and one dinner and that requires cooking at least two of the meals. Tell how the menu includes the foods from the food pyramid and meets nutritional needs.
- 4b. Using the menu planned in requirement 4a, make a list showing the cost and food amounts needed to feed three or more boys and secure the ingredients.
- 4e. On one campout, serve as your patrol's cook. Supervise your assistant(s) in using a stove or building a cooking fire. Prepare the breakfast, lunch, and dinner planned in requirement 4a. Lead your patrol in saying grace at the meals and supervise cleanup.
- Identify or show evidence of at least ten kinds of native plants found in your community.
- 9b. Successfully complete the BSA swimmer test.
- 9c. With a helper and a practice victim, show a line rescue both as tender and rescuer. (The practice victim should be approximately 30 feet from shore in deep water.)

## **Merit Badges – Outings Planning**

Requirements that must be considered in outing planning:

### **Camping Merit Badge**

- 2. Learn the Leave No Trace principles and the Outdoor Code and explain what they mean. Write a personal plan for implementing these principles on your next outing.
- 4a. Make a duty roster showing how your patrol is organized for an actual overnight campout. List assignments for each member.
- 4b. Help a Scout patrol or a Webelos Scout unit in your area prepare for an actual campout, including creating the duty roster, menu planning, equipment needs, general planning, and setting up camp.
- 8c. Prepare a camp menu. Explain how the menu would differ from a menu for a backpacking or float trip. Give recipes and make a food list for your patrol. Plan two breakfasts, three lunches, and two suppers. Discuss how to protect your food against bad weather, animals, and contamination.
- 8d. Cook at least one breakfast, one lunch, and one dinner for your patrol from the meals you have planned for requirement 8c. At least one of those meals must be a trail meal requiring the use of a lightweight stove.
- 9a. Camp a total of at least 20 days and 20 nights. Sleep each night under the sky or in a tent you have pitched. The 20 days and 20 nights must be at a designated Scouting activity or event. You may use a week of long-term camp toward this requirement. If the camp provides a tent that has already been pitched, you need not pitch your own tent.
- 9b. On any of these camping experiences, you must do TWO of the following, only with proper preparation and under qualified supervision:
  - Hike up a mountain, gaining at least 1,000 vertical feet.
  - Backpack, snowshoe, or cross-country ski for at least 4 miles.
  - Take a bike trip of at least 15 miles or at least four hours.
  - Take a nonmotorized trip on the water of at least four hours or 5 miles.
  - Plan and carry out an overnight snow camping experience.
  - Rappel down a rappel route of 30 feet or more.
- 9c. Perform a conservation project approved by the landowner or land managing agency.

### **Hiking Merit Badge**

- 5. Take five hikes, each on a different day, and each of at least ten continuous miles. Prepare a hike plan for each hike.
- 6. Take a hike of 20 continuous miles in one day following a hike plan you have prepared.

## **Backpacking Merit Badge**

- 6b. While on a trek, use a map and compass to establish your position on the ground at least three times at three different places, OR use a GPS receiver to establish your position on a topographic map and on the ground at least three times at three different places.
- 8c. Prepare at least three meals using a stove and fuel you can carry in a backpack.
- 9e. While carrying your pack, complete a hike of at least 2 miles.
- 10. Using Leave No Trace principles, participate in at least three backpacking treks of at least three days each and at least 15 miles each, and using at least two different campsites on each trek. Carry everything you will need throughout the trek.
- 11a. Write a plan for a backpacking trek of at least five days using at least three different campsites and covering at least 30 miles. Your plan must include a description of and route to the trek area, a schedule (including a daily schedule), a list of food and equipment needs, a safety and emergency plan, and a budget.
- 11b. Using Leave No Trace principles, take the trek planned and, while on the trek, complete at least one service project approved by your merit badge counselor.
- 11c. Keep a daily journal during the trek that includes a day-by-day description of your activities, including notes about what worked well and thoughts about improvements that could be made for the next trek.

## **Cycling Merit Badge**

- 8. Avoiding main highways, take two rides of 10 miles each, two rides of 15 miles each, and two rides of 25 miles each. You must make a report of the rides taken. List dates, routes traveled, and interesting things seen.\*
- 9. After fulfilling requirement 8, lay out on a road map a 50-mile trip. Stay away from main highways. Using your map, make this ride in eight hours.

## **Canoeing Merit Badge**

- 6. With a companion, wearing the proper PFD and appropriately dressed for the weather and water conditions, use a properly equipped canoe to demonstrate the following:
  - Safely carry and launch the canoe from a dock or shore (both, if possible).
  - Safely land the canoe on a dock or shore (both, if possible) and return it to its proper storage location.
  - Demonstrate kneeling and sitting positions in a canoe and explain the proper use for each position.
  - Change places while afloat in the canoe.
  - In deep water, exit the canoe and get back in without capsizing.
  - Capsize the canoe and demonstrate how staying with a capsized canoe will support both paddlers.
  - Swim, tow, or push a swamped canoe 50 feet to shallow water. In the shallow water, empty the swamped canoe and reenter it.

- In deep water, rescue a swamped canoe and its paddlers by emptying the swamped canoe and helping the paddlers safely reenter their boat without capsizing.
- 7. With a companion, wearing the proper PFD and appropriately dressed for the weather and water conditions, demonstrate the following paddling strokes as both a bow and stern paddler:
  - Forward stroke
  - Backstroke
  - Draw
  - Pushaway
  - Forward sweep
  - Reverse or back sweep
  - For stern paddling only:
  - J-stroke
- 8. Using the strokes in requirement 7, demonstrate the following tandem maneuvers while paddling on opposite sides and without changing sides. Repeat after switching positions and paddling sides:
  - Pivot or spin the canoe in either direction.
  - Move the canoe sideways or abeam in either direction.
  - Stop the canoe.
  - Move the canoe in a straight line for 50 yards.
  - 9. Wearing the proper PFD and appropriately dressed for the weather and water conditions, demonstrate solo canoe handling:
    - Launch from shore or a pier (both, if possible).
    - Using a single-blade paddle and paddling only on one side, demonstrate proper form and use of the forward stroke, backstroke, draw stroke, pushaway stroke, forward sweep, reverse or back sweep, and J-stroke. Repeat while paddling on the other side.
    - While paddling on one side only, paddle a 50-yard course making at least one turn underway and one reverse of direction Repeat while paddling on the other side.
    - Make a proper landing at a dock or shore (both, if possible). Store canoe properly (with assistance, if needed).
    - In deep water, exit the canoe and then get back in without capsizing.