



BOY SCOUTS OF AMERICA

Troop 146

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Second Class Requirement 1b

"Discuss the principles of Leave No Trace."

NOTE: READ THIS FIRST! IT HAS ALL THE ANSWERS!

Name

1. Plan Ahead and Prepare

- Know the regulations and special concerns for the area you'll visit.
- Prepare for extreme weather, hazards, and emergencies.
- Schedule your trip to avoid times of high use.
- Visit in small groups when possible. Consider splitting larger groups into smaller groups.
- Repackage food to minimize waste.
- Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.

2. Travel and Camp on Durable Surfaces

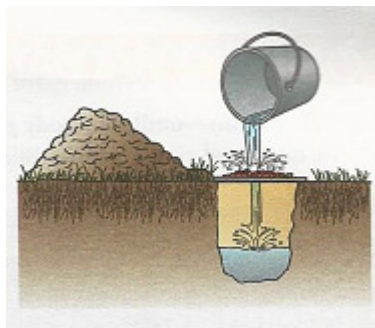
- Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
- Protect riparian areas by camping at least 200 feet from lakes and streams.
- Good campsites are found, not made. Altering a site is not necessary.
 - In a popular area, concentrate use on existing trails and campsites.
 - In a popular area, walk single file in the middle of the trail, even when wet or muddy.
 - In a popular area, keep campsites small. Focus activity in areas where vegetation is absent.
 - In a pristine area, disperse use to prevent the creation of campsites and trails.
 - In a pristine area, avoid places where impacts are just beginning.

Dictionary: riparian = of, relating to, or situated or dwelling on the bank of a river or other body of water

Dictionary: pristine = having its original purity; uncorrupted or unsullied

3. Dispose of Waste Properly

- Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food and litter.
- Deposit solid human waste in catholes dug 6 to 8 inches deep, at least 200 feet from water, camp and trails. Cover and disguise the cathole when finished.
- Pack out toilet paper and hygiene products.
- To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.



Scout Handbook: "Use a sieve or a piece of window screen to strain any food bits out of your wash water."

4. Leave What You Find

- Preserve the past: examine, but do not touch cultural or historic structures and artifacts.
- Leave rocks, plants and other natural objects as you find them.
- Avoid introducing or transporting non-native species.
- Do not build structures, furniture, or dig trenches.

5. Minimize Campfire Impacts

- Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for cooking and enjoy a candle lantern for light.
- Where fires are permitted, use established fire rings, fire pans, or mound fires.
- Keep fires small. Only use sticks from the ground that can be broken by hand.
- Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.



This is a "mound fire." If you do it right, you can take down the mound the next morning and leave no trace.



Candle lantern

6. Respect Wildlife

- Observe wildlife from a distance. Do not follow or approach them.
- Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
- Protect wildlife and your food by storing rations and trash securely.
- Control pets at all times, or leave them at home.
- Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.

7. Be Considerate of Other Visitors

- Respect other visitors and protect the quality of their experience.
- Be courteous. Yield to other users on the trail.
- Step to the downhill side of the trail when encountering pack stock.
- Take breaks and camp away from trails and other visitors.
- Let nature's sounds prevail. Avoid loud voices and noises.

THE SEVEN PRINCIPLES

- #1. Plan Ahead and Prepare
- #2. Travel and Camp on Durable Surfaces
- #3. Dispose of Waste Properly (Pack It In, Pack It Out)
- #4. Leave What You Find
- #5. Minimize Campfire Impacts
- #6. Respect Wildlife
- #7. Be Considerate of Other Visitors

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#1. Plan Ahead and Prepare

OK to answer with just a word or a phrase

- 1a. What about regulations and special concerns? _____
- 1b. What about weather and emergencies? _____
- 1c. What about scheduling? _____
- 1d. What about large groups? _____
- 1e. What about food packaging and wrappers? _____
- 1f. What about making your own blazes and markers? _____

#2. Travel and Camp on Durable Surfaces

OK to answer with just a word or a phrase

- 2a. Give two examples of a durable surface: _____ and _____
- 2b. How far away from a "riparian" area? _____ feet
- 2c. Use existing what? (name two): _____ and _____
- 2d. Best way for a group to walk on a trail: _____
- 2e. In a pristine area, stay close or spread out? _____
- 2f. In a pristine area, what kind of area to avoid? _____

#3. Dispose of Waste Properly

OK to answer with just a word or a phrase

- 3a. Principle #3 is best summarized with this saying (*Hint: Pack it...*)

- 3b. Do this with feces (*Hint: Dig....*) _____
- 3c. Do this with feces - where? (*Hint: xxx feet from...*) _____
- 3d. Do this with dirty dish water (*Hint: Strain...*) _____
- 3e. Do this with dirty dish water (*Hint: Scatter...*) _____
- 3f. How about soap? (*Hint: Bio-xxxx*) _____

#4. Leave What You Find

OK to answer with just a word or a phrase

- 4a. What about very old things you find? _____
- 4b. Some things to leave as you found them: _____ and _____ and _____
- 4c. How about planting some nice flowers for others to enjoy? _____
- 4d. Some things not to build: _____
- 4e. Some things not to dig: _____

#5. Minimize Campfire Impacts

OK to answer with just a word or a phrase

- 5a. Considering "leave no trace," what's bad about campfires?

- 5b. If no campfire, use _____ for cooking and use _____ for light.
- 5c. Considering "leave no trace," three ways to reduce a campfire's impact:

- 5d. How big a fire? _____
- 5e. How to clean up after a campfire? Three steps:

#6. Respect Wildlife

OK to answer with just a word or a phrase

6a. Safety - how far? _____

6b. What's wrong with feeding wild animals? _____

6c. Two reasons for storing your own food safely:

6d. What about pets? _____

6e. Name two times to definitely avoid getting close to wildlife:

#7. Be Considerate of Other Visitors

OK to answer with just a word or a phrase

7a. If there's another group camping really close to our campsite, name some points of the Scout Law that should apply: (*Hint: Start with "Courteous"*)

7b. What's the best thing to hear on a camping trip? _____