

November 2023

Outdoor Ethics & Conservation Roundtable

Leave No Trace Cooking

Agenda

• Welcome and opening (7:00pm Central) Safety Moment – Weather Safety Leave No Trace Cooking Marvelous Mundane • FAQ • Q&A Adjourn

Pledge

I pledge allegiance to the Flag of the United States of America, and to the Republic for which it stands, one Nation under God, indivisible, with liberty and justice for all.



Scout Oath

On my honor I will do my best to do my duty to God and my country and to obey the Scout Law; to help other people at all times; to keep myself physically strong, mentally awake, and morally straight.



Scout Law

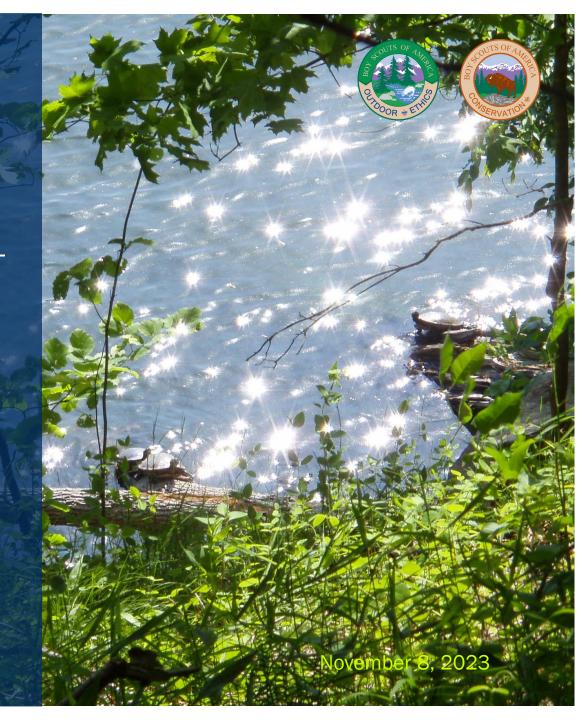
A Scout is: Trustworthy, Loyal, Helpful, Friendly, Courteous, Kind, Obedient, Cheerful, Thrifty, Brave, Clean, Reverent.



Outdoor Code

As an American, I will do my best to – Be clean in my outdoor manners. Be careful with fire. Be considerate in the outdoors. Be conservation minded.





Safety Moment — Food Allergies, Intolerance and Special Diets

Michelle Bierstedt

Leave No Trace Cooking

November 8, 2023

Safety Moment

Food Allergies, Intolerance and Special Diets

https://www.scouting.org/health-and-safety/safety-moments/food-allergies/

Plan and Prepare Menu Planning

- One in every 13 children has a food allergy.
- Every 3 minutes, a food-allergy reaction sends someone to the emergency room.
- **377% Increase** in treatment of diagnosed anaphylactic reactions to food between 2007 and 2016.
- 85 Million Americans are living with life-threatening food allergies and intolerances.



Food Allergies

A food-allergy reaction happens when the immune system overreacts to a food protein. A reaction can range from mild to severe. In the U.S., the most common food allergens are milk, eggs, peanuts, tree nuts, soy, wheat, fish, shellfish and sesame seeds. However, any food might cause an allergic response, and many people are allergic to more than one food. Also, initial food-allergy reactions can occur at any time.

Food Intolerance

An intolerance is when someone cannot digest a component of a food, such as lactose, a sugar found in milk. An intolerance may cause abdominal cramping or diarrhea but is typically not life-threatening.

Special Diets

Special Diets are meal plans that control the intake of certain foods or nutrients. It is part of the treatment of a medical condition and are normally prescribed by a physician and planned by a Registered Dietician. A therapeutic diet is usually a modification of a regular diet. These include but are not limited to Liquid Diets, Soft Diets, Diabetic Diets, Low Calorie Diets, High Calorie Diets, Low Cholesterol Diets, Low sodium diets, high or low protein diets, low-residue diets and specific diets, such as gluten-free and FODmaps diets.

Reactions

Food allergy symptoms usually develop within a few minutes to 2 hours after eating the offending food. Rarely, symptoms may be delayed for several hours.

The most common food allergy signs and symptoms include:

Tingling or itching in the mouth
Hives, itching or eczema
Swelling of the lips, face, tongue and throat or other parts of the body
Wheezing, nasal congestion or trouble breathing
Abdominal pain, diarrhea, nausea or vomiting
Dizziness, lightheadedness or fainting

Anaphylaxis

In some people, a food allergy can trigger a severe allergic reaction called anaphylaxis. This can cause life-threatening signs and symptoms, including:

- •Constriction and tightening of the airways
- •A swollen throat or the sensation of a lump in your throat that makes it difficult to breathe
- •Shock with a severe drop in blood pressure
- •Rapid pulse
- •Dizziness, lightheadedness or loss of consciousness

Emergency treatment is critical for anaphylaxis. Untreated, anaphylaxis can cause a coma or even death.



apple allergy reaction



Resources

BSA Guidelines for managing food allergies-

https://filestore.scouting.org/filestore/HealthSafety/pdf/2013Guidelines_Managing_Food_Allergies.pdf?_gl=1*mbf0yn*_ga*MTAzMTcxNzI2MS4xNjk4NTk1MDIw*_ga_20G0JHESG4*MTY5ODU5NTAxOS4xLjEuM TY5ODU5NjUxOC41Mi4wLjA.*_ga_61ZEHCVHHS*MTY5ODU5NTAxOS4xLjEuMTY5ODU5NjUxOC41Mi4wLjA.&_ga=2.103166472.903753419.1698595020-1031717261.1698595020

https://www.foodallergy.org/living-food-allergies

https://www.eatright.org/health/health-conditions/allergies-and-intolerances/food-allergies-and-intolerances/ https://www.epipen.com/-/media/files/epipen/howtouseepipenautoinjector.pdf

Food Allergy Action Plans: A food allergy may lead to a life-threatening allergic reaction (anaphylaxis) and may occur even if previous reactions have been mild. A food allergy action plan is an individualized plan that includes prevention strategies, severe food allergy symptoms, and prescribed emergency treatment in the event a severe food allergy reaction occurs.

Meet with your child and unit adult leadership.

- Discuss the possibility of attending the camp/event. Include the health-care provider, if necessary, in the discussion.
- Review the completed AHMR, being sure to include allergies.
- Develop a food allergy action plan specific for the camp/event, including travel.
- Provide copies of the final food allergy action plan.
- Determine if a parent or guardian must attend the camp/event with their child. This is strongly encouraged, especially for youth who cannot manage the plan alone.

Note: It may be necessary for the family to provide all food for the youth. Agree upon a plan with unit and camp leadership that includes food storage both at camp and during travel, food service methods, availability, etc.

Leave No Trace Cooking

Mark Hammer

Leave No Trace Cooking

November 8, 2023

BSA National Outdoor Programs & Properties National Outdoor Ethics & Conservation Subcommittee



Leave No Trace Meals

Outdoor Ethics Roundtable November 8, 2023

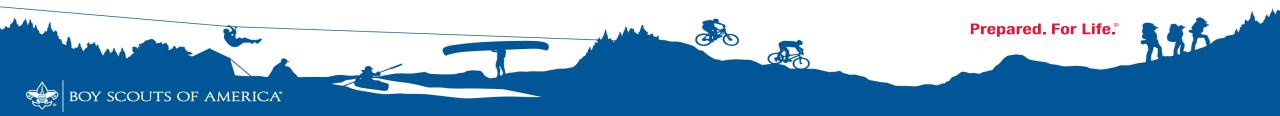
Mark Hammer





Premise

- Food considerations are major part of Scouting's outdoor program.
- Meal preparation and cleanup, food storage, and food waste disposal have potential negative impacts to the environment and other visitors.
- Different settings and preparation methods require different practices, skills and equipment.
- Any Scouting outing meal can be a "Leave No Trace meal" with proper planning, preparation, equipment, skills and practices.
- Example practices, tips, and meal ideas.





What is a "Leave No Trace" Meal?

- Is it "What" is on the Menu?
- Maybe "How" and "Where" more important?

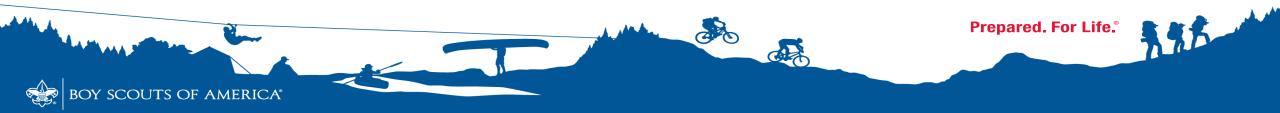




What is a "Leave No Trace" Meal?

- Planned considering Leave No Trace Seven Principles
- Pre-Outing Preparation
- **Good Judgement** during travel, food storage, setup, meal prep, eating, cleanup, waste disposal.

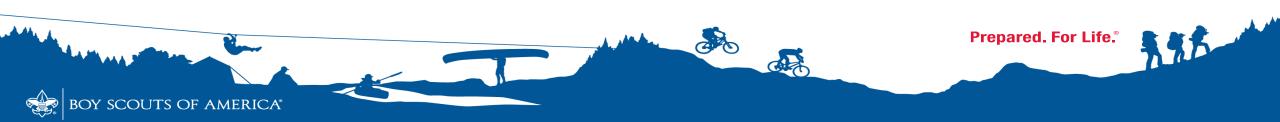
 Experiential Learning – Do, Reflect, Generalize, Apply Learning to Next Time





Planning - What do we need to consider?

- All aspects of the "Food Cycle"
- Program Level, Participant Dietary Needs
- Location/Facilities/Weather
- Special Cooking Methods
- Group Size, ...



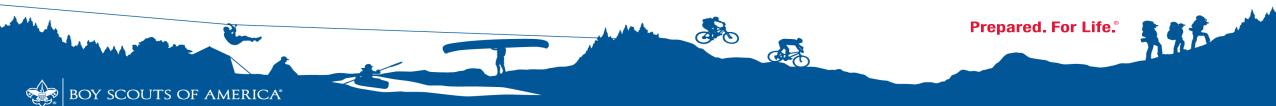


Other Meal Considerations

Short-Term Camp Guidelines

- STC Administrator Approval of Menus for District/Council Events
- Nutrition, Special Dietary Needs (Allergies, Gluten, Diabetic, Religious, Lifestyle)
- Food Safety Protocols (Prep and Serving),
- Storage
- Waste Disposal



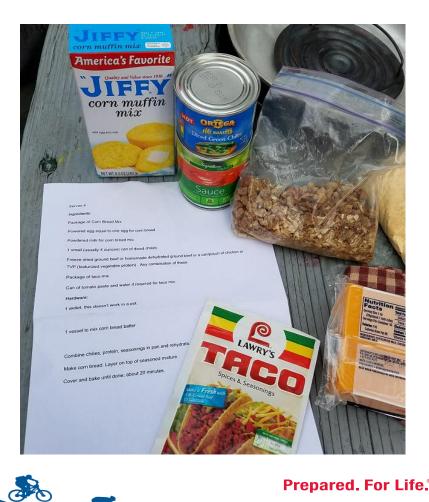




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Our "Food Cycle"

- **Planning:**
 - Location/restrictions/schedule, participants, cooking method / menu, ingredients/amounts
- **Preparation:**
 - Shopping, advanced preparation, packaging
- Transport, storage •
 - (cont...)



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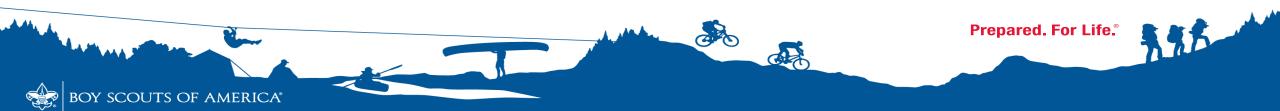
Prepared. For Life.°



Our "Food Cycle" (cont)

- Meal Preparation:
 - Food prep, cooking, serving
- Eating!
- Cleanup:
 - Clean dishes, utensils, pots, stove, table.
 - Disposal of wash/rinse water
 - Leftovers/trash/garbage storage, transport and disposal.







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Food Cycle - Beyond Just the Food

- Food Safety
- Equipment & Supplies for each step
- Recipe/Instructions for cooking
- Site/Kitchen location, organization, setup
- Water. Fuel, stove, wood & fire prep
- Fire out, dispose of ashes
- Bear box / hang / canister
- Leftovers / reusables / recyclables / compostables



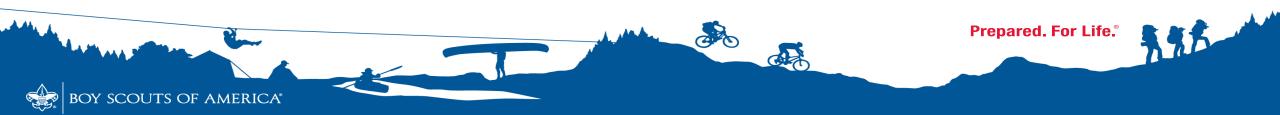






Which Principles Apply?

- Plan Ahead and Prepare Yes NO TRACE
- Travel and Camp on Durable Surfaces Yes
- Dispose of Waste Properly Yes!
- Leave What You Find some
- Minimize Campfire Impacts Yes!
- Respect Wildlife Yes!
- Be Considerate of Others Yes





Global Sustainability







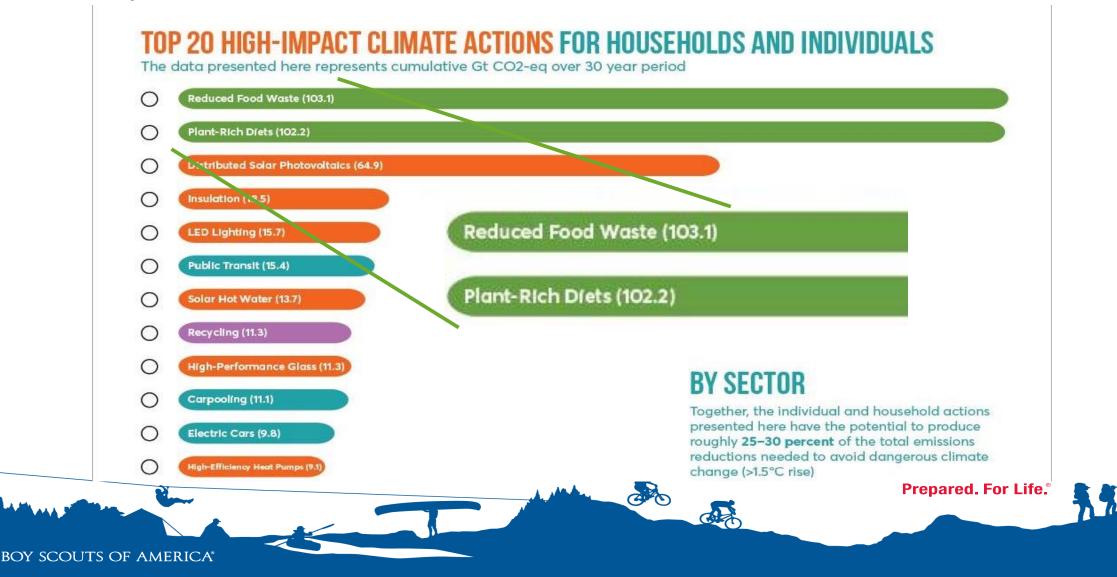
Drawdown.org

- The World's Leading Resource for Climate Solutions
- Project Drawdown's mission is to help the world stop climate change—as quickly, safely, and equitably as possible.
- Identified and are Advancing 90+ effective, sciencebased climate solutions and strategies.





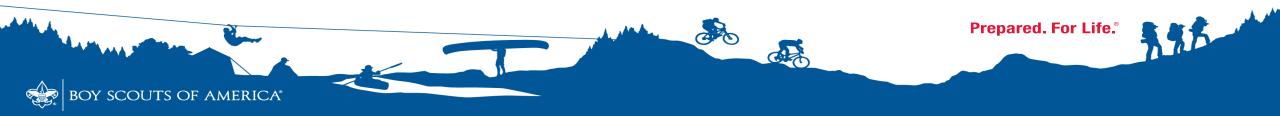
Drawdown Actions for Individuals





Food Waste on Outings

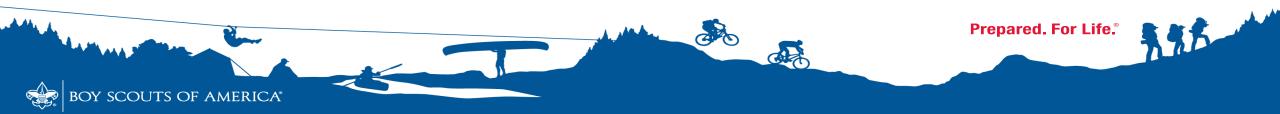
- Preparing Too Much
 - Pay attention to # servings, sizes.
 - Participants ? Age, picky or big eaters
 - Individual Choices (ingredients, amount)
 - FC: Plan for Leftovers Containers/Cooler
 - BC: Quantities! 1.2# 1.5# dried / person / day, Flexibility
- Messy Methods (Frying, Boiling Pasta)





Food Waste on Outings

- Preparation Problems (over/undercooked, seasoning, spills...)
 - Recipe try at home
 - Cooking instruction, practice, experience
 - Simpler "cooking" techniques
- Individual Preferences (Picky?)
 - Planning Inclusive
 - Personal Choice Options





Global Sustainability

• Single Use Plastics

- Packaging is biggest (over half) plastic segment
- 5 Trillion plastic bags annually (730,000 tons US)
- US 50 billion water bottles annually
- Most of this will outlive us (and our great-grandchildren)

• Simple Things We Can Do

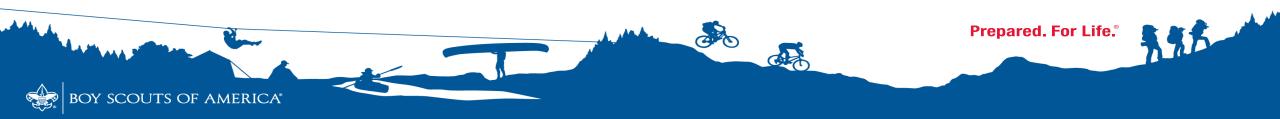
- Frontcountry: Use Reusable containers
- Backcountry: Reuse resealable bags
- Reduce/Reuse/Recycle,...





Dispose of Waste Properly - Better Alternatives

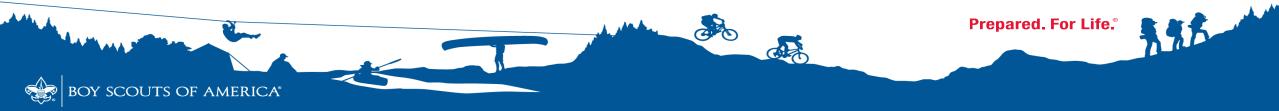
- Avoid Single-Use Plastics
- Reusable Containers
- Avoid Creating the Waste Food
- Save Leftovers, Store Properly, and Eat Later
- Use mess kits, water bottles, not disposables
- Recycle
- Compost Scraps





Meal Examples & Tips

- Detailed Examples Progression
 - Meal/Cleanup Steps, What Did We Learn
- Another Frontcountry Meal Example
- Backcountry Options & Ideas
- Tips interspersed





Saturday Lunch

Pasta (couscous) and sauce
 Tossed Salad, Cheesy Garlic Bread

(backcountry) (frontcountry)

- Cooking Tasks Wash Hands!
 - Rehydrate Sauce "leather" and Couscous in Bags.
 Add pepperoni to 1 bag of sauce.
 - Slice bread, spread topping, Fry until hot/browned
- 3-Pan Cleanup Everyone Helps!
 - Scrape Dishes and Pans clean; Wash, Sanitize & Rinse
 - Put food away, cleanup tables, stoves, area
 - Demonstrate straining and disposal







What did we learn from Lunch?

- Advanced Preparation
 - eliminate prep mess, quick & easy prep
- Rehydrate Group Meal in Bags
- Pasta without starchy waste cooking water
- Sauce in Bag instead of Pan
 - No sticky pan, Not burned to bottom
 - Not splattered all over stove
 - Easy to save leftovers or dispose empty bag
 - Vegetarian Option
- Durable Surface for Kitchen





What did we learn from Lunch Cleanup?

- Tablecloth Sanitation, mess prevention, easy cleanup
- 3-Pan Method, Proper disposal of wastewater
- "No Chunks" clean before washing
 - Use bread to wipe, or Pot scraper
- Leftovers/Recycle/Compost/Trash
- Generalization Use this in the Future?



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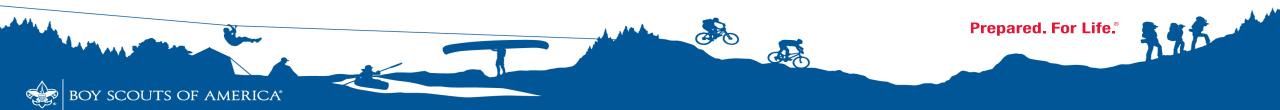
Saturday Evening Meal

- Quesadillas (frontcountry or backcountry)
 - Wash Hands!
 - "Assemble" and cook your own (Avoid Making Messes! Prep/Eating)

• 3-Pan, "No Chunks" cleanup for pans

(frontcountry)

- Heat water for cleanup
- Everyone help with cleanup
- Strain wash water w/ screening, and Rainbow

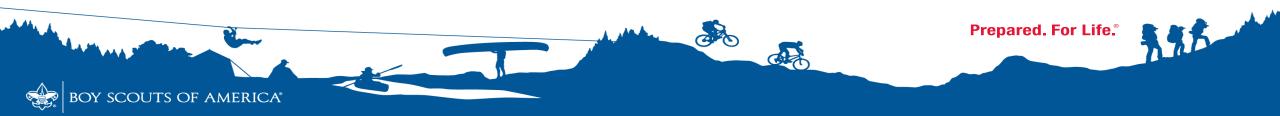




Evening Meal

• What did we learn from meal?

- Advanced Preparation
- Personal Choices Amount & Toppings
- Example gluten-free alternative corn tortillas
- One-Pan cooking
- Don't walk around dripping food use plate/bowl, sit
- Reusable containers
- Scrim cloth?





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Breakfast

- Hot Cereal, Freezer Bag Omelets (front or backcountry)
 - Wash Hands!
 - Omelets write name on bag, crack eggs into bag (help from buddy), add extras, note the time "in", cook for ~13 minutes (or done).
 - Oatmeal: Cereal mix, fruit/nuts/etc and hot water – mix in your bowl, eat



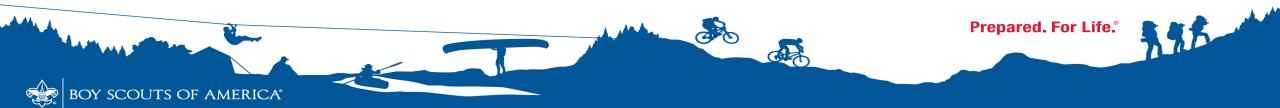


Breakfast Cleanup

- Minimum Water, One Bowl Cleanup (backcountry)
 - Tablespoon of hot water, slosh around, "Sump" your bowl.
 - Optional Tablespoon of hot water, drop of soap, scrub.
 "Rainbow" the water away from camp
 - Tablespoon of water, rinse. "Rainbow" the water
 - Sanitize in boiling water before next meal
- Freezer Bag

(either)

- Eat from bag or serve in tortilla
- Put empty bag in pocket (or w/ smellables) & use for trash bag

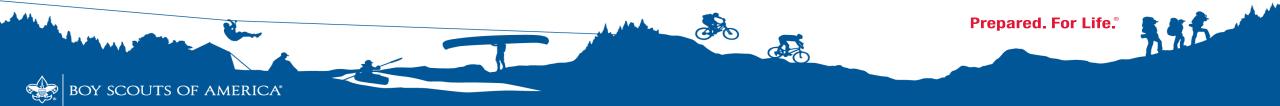






• What did we learn from breakfast?

- Easy Hot Breakfast
- Advanced Preparation Cereal Mix, Chopping Ingredients
- Personal Choices **Quantity**, Selections
- Personal Cook in Bag
- Personal Cook in Bowl
- Using Leftovers
- Reusable containers vs Bags
- One bowl cleanup



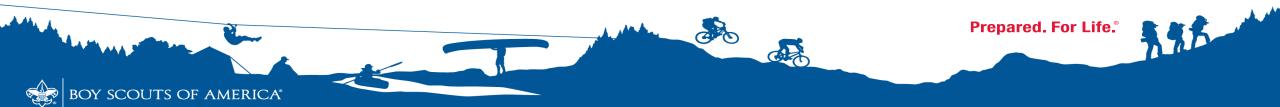


Sunday Lunch

- Sandwiches, Fruit, Dessert
 - No-Cook
 - Quick, Minimum Cleanup
 - Advanced Preparation
 - Personal Choices
 - Using Leftovers
 - Reusable Containers

(frontcountry)







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Meal Bowls

- Themes: Mexican, Oriental, Mediterranean, Pizza ...
- Frontcountry, Group
- Lay out ingredients in order
- Individual Choices









- Base: rice, chips/fritos, potato, pasta, quinoa, couscous, ...
- Greens: lettuce, spinach, arugula, cabbage, kale ...
- Protein (seasoned) : meat , fish, egg, chili, beans, tofu ...
- Vegies (cook/raw) : onion, pepper, carrot, mushroom, corn ...
- Toppings: tomato, olive, avocado, crouton, seeds, nuts, bacon ...
- Dressing: Caesar/ranch, oriental, salsa, hummus, cheese ...





Simple Backpacking Kitchen

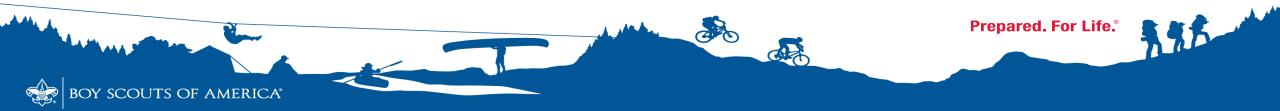






Backpacking Meal Ideas Packed by Meal

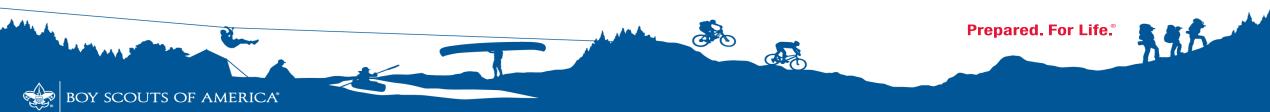
- Thai Shrimp & Rice
- Spaghetti (Couscous)
- Chili & Cornbread
- Gumbo & Rice
- Burrito, Quesadilla
- Pizza
- Turkey Dinner





Simple/Quick Backpacking Dinners







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Simple/Quick Backpacking Dinners

- Cook In Cup (add boiling water):
 - lentil / split pea / refried bean, bacon bits, smoked gouda
- Cook In Bowl (add boiling water):



- Carbs: rice, couscous, potato, sweet potato, cornmeal
- Vegs: carrot, peppers, zucchini, brussels sprout, peas, green bean, mushroom, okra, spinach
- Protein: fish, beans, meat, veggie burgers, tempeh, cheese
- Sauce (leather): pizza, Thai chili, salsa, miso, gravy, soups ...

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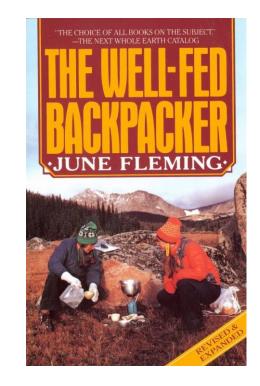


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More Backpacking Food Ideas

- GoExploring.org/food/
 - Meal Ideas
 - Hints, Tips, Recipes
 - Menu Plans

• The Well-Fed Backpacker by June Fleming



Prepared. For Life.



More Ideas

Foil Packs



Potluck





Competition

Themes

Children of the











• Put Your Ideas in the Chat

Prepared. For Life.®



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Tip - Sanitation is Important!

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JOIN NOW SIGN IN

Hand Sanitizer Isn't Cutting It. Here's Why Hikers Need to Start Washing Their Hands.

An outbreak of norovirus on the Pacific Crest Trail proves that hikers' hygiene routines need an upgrade



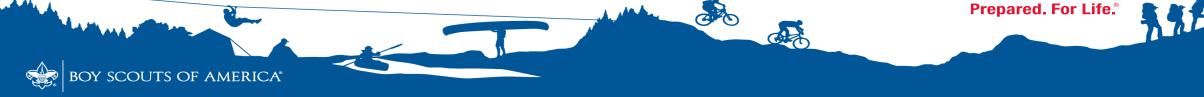






Global Sustainability – More Information

- Helplessness, Anger, Grief?
- There are things we can all do!
- Learn Spread the Word
- Support businesses/organizations making a difference
- Vote!
- UN Sustainable Development Goals
 https://www.unep.org/explore-topics/sustainable-development-goals
- Gates Foundation







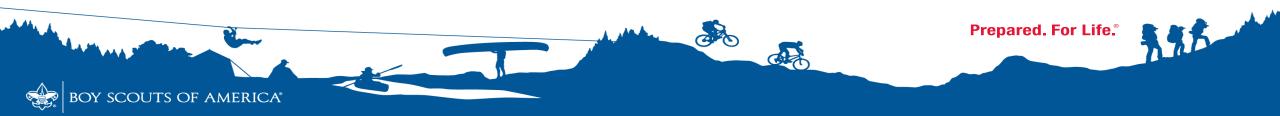
- Meals are part of the Fun and Adventure
- Keys to ensuring our Meals are "Leave No Trace"
 - Planning and Preparation
 - Leave No Trace Awareness, Principles, Practices
- Lots of ideas for meals, ways to organize them
- Other ideas & tips





Thanks for Attending!

- Please fill out Survey We appreciate your feedback!
- Contact us:
 - Mark: meh@LPBroadband.net
 - <u>Roundtable@OutdoorEthics-BSA.org</u>
- Video, Presentation, and Resources will be posted to Roundtables on OutdoorEthics-BSA.org
- Thanks to our Roundtable Workgroup for organizing these OE Roundtables!





Marvelous Mundane

Matt Durrant

Leave No Trace Cooking

November 8, 2023

The Mundane Marvels of Nature





FAQ time

Scott Anderson

Leave No Trace Cooking

November 8, 2023



Outdoor Ethics & Conservation

FAQ's Scott Anderson, Chair National Outdoor Ethics & Conservation Subcommittee





SCUTS for SDGs

Why is the BSA not supporting the Sustainable Development Goals (SDGs)?





The Better World Framework



Is a set of coordinated programmes, campaigns, calls to action, and events designed to develop the competencies of young people to become global active citizens by taking action around issues related to sustainable development.



Messengers of Peace

world scout environment programme

World Organization of the Scouting Movement established "Messengers of Peace" and the World Scout Environmental Programme."







9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES

RESPONSIBLE CONSUMPTION





1 NO POVERTY

8 DECENT WORK AND ECONOMIC GROWTH





The Sustainable Development Goals are a collection of seventeen interlinked objectives designed to serve as a "shared blueprint for peace and prosperity for people and the planet, now and into the future OUTDOOR PROGRAMS/PROPERTIES



Messengers of Peace

world scout environment programme

In 2016 WOSM added "Scouts for SDG's" to the Better World Framework.

SCUTS

forSDGs





SCUTS for SDGs

Why is the BSA not supporting the Sustainable Development Goals (SDGs)?





SCUTS for SDGs

Why is the BSA not supporting the Sustainable Development Goals (SDGs)?

Harsh Reality! Highly Politicized OUTDOOR PROGRAMS/PROPERTIES





SC UTS for SDGs

Why is the BSA not supporting the Sustainable Development Goals (SDGs)?

"The Boy Scouts of America is wholly non-partisan and does not promote any one position, product, service, political candidate or philosophy,"





SC UTS for SDGs

Why is the BSA not supporting the Sustainable Development Goals (SDGs)?

Besides, it is already built into our program!









2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING



- Community Clothing Drives
- Winter Coat Drives
- Homeless Shelter Support
- Uniform Drives
- Fundraising for Adventure
- Scouting for Food Drives
- Volunteer at Food Kitchens

- Volunteer Blood Donor Drives
- Encourage Physical Fitness
- Outdoor Program
- Encourage Good Nutrition
- Spiritual Growth



GENDER Equality

Service Projects at Schools

- Merit Badge / Adventures program
- STEM
- Exploring
- BSA Moved to an All Inclusive Program
- Diversity, Equity, & Inclusion
 - <u>BSA Statement</u>
 - Scouting U. Training
- Citizenship in Society Merit Badge
- CLEAN WATER AND SANITATION



- Conservation Service to Clean our Water Resources
- Leave No Trace Practices in the Outdoors
- Soil & Water Conservation Merit Badge Merit Badge







ECONOMIC GROWTH

AFFORDABLE AND

- Sustainability Merit Badge
- Solar in camp



- A Scout is Thrifty
- Personal Management Merit Badge
- American Business Merit Badge
- American Labor Merit Badge



SUSTAINABLE CITIES AND COMMUNITIES



Sustainability Merit Badge

BSA Moved to an All Inclusive

• Diversity, Equity, & Inclusion

• Citizenship in Society Merit Badge

Community Service

Program

Scoutreach

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



- STEM Programs
- Merit Badges
 - Architecture
 - Inventing
 - Woodworking

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

- Sustainability Merit Badge
- Reduce, Reuse, Recycle

















- Environmental Science Merit Badge
- Emergency Preparedness Merit Badge
- Weather Merit badge
- Conservation Service Projects
- Nature Education
- Conservation Service to Clean our Water Resources
- Leave No Trace practices
- Florida Sea Base-Coral Reef Project
- Reduce Plastic Consumption
- Nature Education
- Building Wildlife Habitats
- Removing Invasive Species
- Leave No Trace Practices



- Rebuilding Scouting
- Supporting our Partners





- World Organization for the Scouting Movement (WOSM)
- Partnerships with Agencies and Non-Profits





earthtribe®

https://sdgs.scout.org/initiatives/earth-tribe







Scout Centres of Excellence for Nature, Environment, and Sustainability







Thank you for all you do to support Outdoor Ethics and Conservation in Scouting





Announcements

Leave No Trace Cooking

November 8, 2023

Announcements

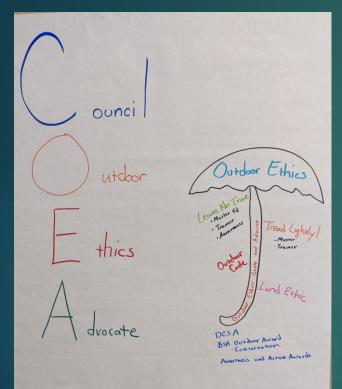
Level 2 course staff annual survey coming soon
COEA and Zone Coordinator annual survey

https://secure.outdoorethics-bsa.org/OEAtools/

COEA and Zone Coordinator annual database verification

https://secure.outdoorethics-bsa.org/OEAtools/

November 8, 2023



VIRTUAL TRAINING COURSE JAN 6TH & 13th 10-2 CENTRAL TIME, BOTH DAYS

REGISTRATION: SEND YOUR NAME, BSA ID #, COUNCIL AND UNIT NUMBER TO OUTDOOR ETHICS ROUNDTABLE COMMITTEE AT <ROUNDTABLE@OUTDOORETHICS-BSA.ORG>

Why Attend?

The council outdoor ethics advocate is a volunteer position that coordinates the local council's Leave No Trace training and similar outdoor ethics programs for BSA youth and adult members.

This training is meant to enrich the Scouting experience for the members, help reduce our impact on the land consistent with Scouting's historic message, and help ensure continuing access to public lands for Scouting purposes.

This training will give the Council Outdoor Ethics Advocate tools to coordinate with the council's Training, Camping, Conservation, and/or Program committees. Where appropriate, the council outdoor ethics advocate may also serve on one or more of these committees.

Prior training as a Leave No Trace Master Educator or Trainer is preferred, but it is not required if the individual commits to obtaining the training.



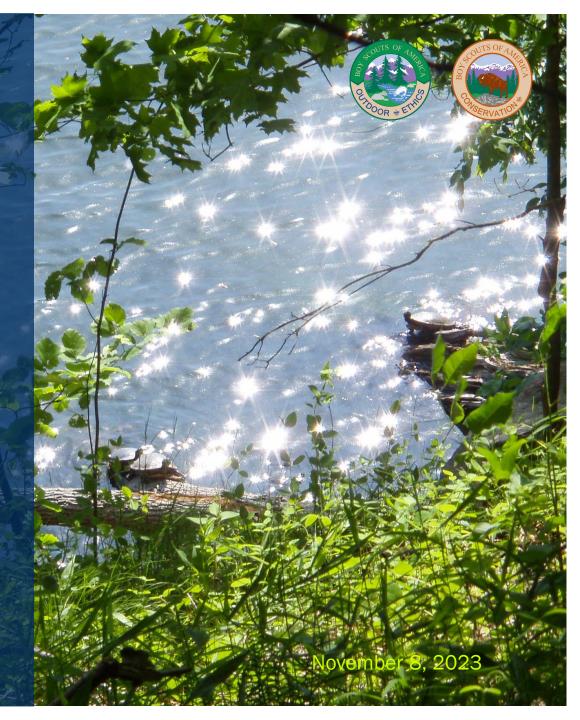
We Need Your Feedback, Please!

https://tinyurl.com/OECCRT

SCAN ME



Leave No Trace Cooking



2023 Leave No Trace Level 2 Instructor Courses



Leave No Trace Level 1 Instructor courses: <u>https://tinyurl.com/BSALevel1</u>

November 8, 2023

bsa.org/DanHowells

Scholarship.php

Leave No Trace Cooking

Roundtable minute

From Aldo Leopold's November

"To me an ancient cottonwood is the greatest of trees because in his youth he shaded the buffalo and wore a halo of pigeons, and I like a young conttonwood because he may grow ancient."

The next time you're outdoors, in the wilderness or in town, look at the familiar plants around you. What positive or negative biases do you feel for those plants?



Leave No Trace Cooking

November 8, 2023



Questions?

Please share your feedback on this roundtable at https://tinyurl.com/OECCRT

Leave No Trace Cooking

November 8, 2023

One quick question!

Please take just a minute right now to let us know about topics you'd like to see covered in upcoming roundtables.

Please use the chat now or email any time topic(s) you'd like to see covered in future roundtables to roundtable@outdoorethics-BSA.org

Thank you!

Leave No Trace Cooking

