

LET'S DO IT AGAIN

A Recycling Program by
Girl Scout Council of Southeast Louisiana



This publication is a service of

Girl Scout Council of Southeast Louisiana
P. O. Box 10800
New Orleans, LA 70181-0800



Girl Scouts.

VAGABOND STOVE

Supplies:

- a #10 can
- a pair of tin snips
- a roll-type can opener
- a punch opener
- gloves

Use the roll type can opener to make a smooth edge on the can when taking off the can lid. The open end of the tin can will be the bottom of the stove. Wearing gloves, take the tin snips and cut a door about 7.5 cm square from the open end. Using the punch opener, pierce three or four holes at the top of the can on the side opposite the door. These air holes serve as a chimney. Place a Buddy burner under the stove for fuel. The Buddy burner gets very hot. Make a damper from the lid of the tuna can used to make the Buddy burner and a piece of coat hanger. When your fire gets too hot, cover part of the burner with the damper.



CHARCOAL STOVE

Supplies:

- a #10 can
- a coat hanger
- a punch opener
- three pieces of sturdy wire screen
- a roll-type can opener

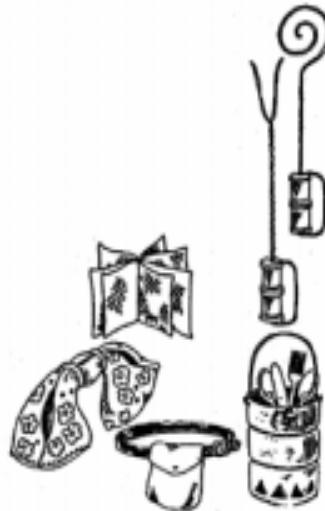
Remove the top of the can with a roll-type can opener. With a punch opener, punch a row of air holes around the top and bottom edge of can. The open end of the can will be the stove top. Push wire screen halfway down into can to make a grate. This holds the charcoal near the top for cooking and keeps air under the charcoal. To keep the screen from slipping, curl a second piece of screen into a coil, and put between grate screen and bottom of stove. Make a stove top out of the third piece of wire screen.



More things to make for camping:



- a nest of kettles from tin cans
- a portable shower
- toasting forks from wire coat hangers
- stuff or tote bags from old dungarees
- a storage box and worktable
- dunking bags from dishcloths
- a container to scald cutlery from a tall juice can
- a canvas or denim bulletin board
- a miser's bag from a bandanna
- a hiker's hip pack from cloth scraps



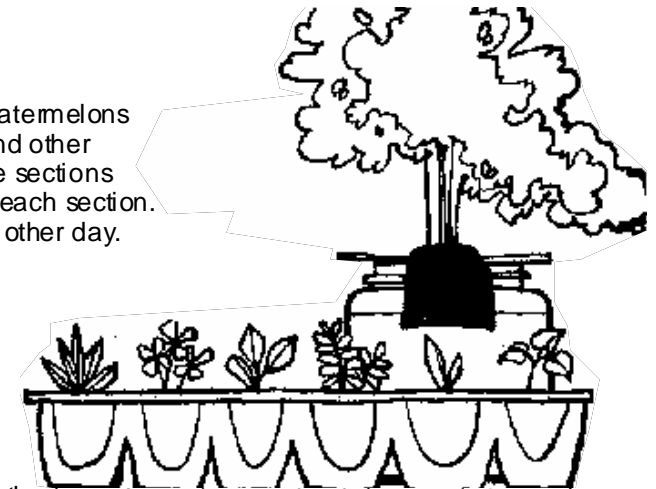
RECYCLE, REUSE AND REPAIR

RECYCLED ART

Create art work from discarded materials and collected litter. Create a display for a school or neighborhood.

GARBAGE GARDENING

Save seeds from apples, oranges, watermelons cantaloupes, grapefruit, tomatoes, and other fruits and vegetables. Put dirt into the sections of an egg carton and plant a seed in each section. Remember to water the seeds every other day.



Grow other parts of food, too. Cut off the tops of carrots, sweet potatoes and pineapples. Stick toothpicks into the carrot, sweet potato and pineapple tops, so that half of the top will sit in a jar of water. When the plants have roots, plant them in pots of dirt.

MONSTER MARKERS

Supplies: Empty roll-on deodorant bottles
Dry tempera paint

Directions:

1. Take bottle apart and wash well.
2. Mix paint according to directions, removing all lumps. (Blend about as thick as cream.)
3. Pour paint in bottle and replace cap.

REUSE IT

Make something useful for camping out of used objects. Here are some suggestions or think of one of your own.

PLASTIC MILK JUG/BLEACH BOTTLES

Here are a few examples of ways you can recycle plastic bottles for camping. **Caution: DO NOT recycle bleach bottles for use as containers of drinking water, washing water or food.**



BUDDY BURNER



Supplies:

a tuna can/pet can
corrugated cardboard/sawdust
paraffin/candle ends

A Buddy burner is a fuel source and can be used with a vagabond stove. Roll the cardboard which is cut a little narrower than the can, into a coil that fits loosely in the can or fill a tin can loosely with sawdust instead of cardboard. Melt the paraffin or candle ends. **CAREFULLY*** pour the melted paraffin over the cardboard or sawdust to almost the top of the can. This can be lit and will burn for fuel. ***Paraffin should always be melted in a tin can set in a pot of water on a stove. Use low heat. Melt small amounts at a time. The vapor given off by the melting paraffin might start to burn; have a lid from a larger tin can on hand to smother any fire.**

Choose a Try-it, Badge or Interest Project Patch activity

Brownie Girl Scouts complete activity #3 of the Science Wonders Try-It

Junior Girl Scouts complete activity #12 of the Earth Connections badge
OR activity #6 of the Eco Action badge

Cadette and Senior Girl Scouts complete (#1-Skill Builders) Build a Better Future IPP OR (#1-Skill Builders) Eco-Action IPP.

LITTER HURTS EVERYONE

Become aware of the types and sources of litter and its effects upon the total environment by collecting and identifying various types of litter. (Note: before doing one of the following activities read Safety-Wise pg.43 and take recommended precautions)

1. Brownie Girl Scouts

Locate a site such as a park, a grassy area along a rural road or a city street, a playground, a parking lot of a school, or a public beach. Adopt the site as the "litter hunt site." On a large cardboard box, write the words "Goodbye Litter!" Pick up the litter at the site noting what kinds are found. Gloves may be used as an added protection. Have everyone throw in the litter they have collected as they shout "Goodbye litter!" Then put the litter in a trash can. *Make sure everyone washes their hands thoroughly after the activity is finished.*

2. Junior/Cadette/Senior Girl Scouts

Create a "litter hunt sheet." For example: 10 cigarette butts, 5 soft drink tabs, 15 pieces of paper, etc. Have the girls use the sheet for a litter collecting game, much like a treasure hunt. After returning from the litter hunt, spread some old newspapers on the floor, making a place where each girl can dump her collection bag. Using the litter hunt sheets, determine which among them brought or saw items on the sheet. Have the girls share some of the interesting, ugly and valuable items found.



VISIT A LOCAL RECYCLING CENTER

1. Brownie Girl Scouts plan a field trip to a local recycling center. Learn about the different materials that can be recycled and the methods used.
2. Junior Girl Scouts complete #8 Discovering Technology badge
3. Cadette/Senior Girl Scouts complete (#5 Skill Builders) Eco-Action IPP

ECO-ACTION

ADOPT A SPOT

Volunteer to clean up and improve a preselected site. Girls who take care of the environment have a feeling of responsibility for the environment.

Supplies:

- section of schoolyard, park, vacant lot, or other site
- planting tools
- writing paper
- seeds or plants
- planters
- paint and brushes

First identify areas in a neighborhood or school that are in need of improvement. Decide where the project will take place. Compose and send a letter requesting permission from the school, city or other appropriate officials to do the project. Once permission is obtained decide who will be responsible for specific tasks such as:

- pick up litter
- plant seeds or plants
- wash walls
- make signs identifying the project
- rake leaves
- paint
- make flower planters

From time to time during the project evaluate the progress and decide on what needs to be done to complete it.

Junior/Cadette/Senior Girl Scouts:

Write a letter of appeal to local public officials, identifying areas that need to be improved, and outlining what kinds of improvements they want to help make. Include why it's important to make the changes suggested. The letter would be most effective if the girls had the opportunity to deliver it in person. Try to make arrangements to do so.

COMMUNITY PROJECTS

Plan a neighborhood recycling project or special event to collect recyclable materials. Assess your troop and choose an activity that fits their skills/ability level. Suggested events:

1. Recyclathon
A walkathon where people sponsor participants with recyclable items.
2. Fun Run
Runners pay an "entry fee" of a specific number of recyclable materials.
3. Heavyweight Challenge
Collect the weight of the troop in recyclables.
4. Recycling Olympics
Plan a special event with can crushing contests, newspaper baling teams, etc.
5. Awareness Campaign
Sponsor an awareness campaign in a school or neighborhood by holding a poster contest or by decorating and distributing litter bags.
6. Design and complete a recycling project/special event of your own.

Before starting any of these projects, be sure you have made plans to get the recycled items that are collected to a recycling center!



Directions:

- Fill the bottom of a pot 1/4" full of pebbles.
- Fill about 1/3 with top soil.
- Add a layer of the collected litter.
- Cover with topsoil.
- Sprinkle with water and cover pot with plastic wrap.
- Set in a warm, dark place.
- Keep the soil moist.
- After two or three weeks dump the contents onto a newspaper. Which materials have started to decompose? Which have not?
- Repeat with same materials and check again in two weeks.



DOWN IN THE DUMPS

Make a miniature dump and observe what happens over a period of time (two-three weeks). Monitor changes and put on a chart. Discuss with the group the ways that waste is piled upon an open dump. Find out about better ways of disposing of garbage and the effects on our environment.

Supplies:

- A large plastic or glass jar filled with moist dirt
- Add: a metal barrette, a piece of foil, a piece of newspaper, a scrap of food, etc.
- Add "rain" from time to time.

LET'S DO IT AGAIN

A Recycling Program by Girl Scout Council of Southeast Louisiana

Let's get together and do it again...Recycle! Girl Scouts across the USA share a common oath to "use resources wisely" and to "make the world a better place"

Through recycling, we can extract and reuse useful substances found in waste to produce new materials to manufacture new goods. Recycling saves our natural resources!

As Girl Scouts we can work today to preserve our world for many generations to come.

Complete at least two activities from each section to earn the Girl Scout Council of Southeast Louisiana "Let's Do It Again" patch.

RAISE YOUR ECO-IQ

FIND THE FACTS

1. Brownie Girl Scouts
Collect articles from local newspapers which relate to litter and disposal of trash.
2. Junior Girl Scouts find out about local recycling programs.
3. Cadette/Senior Girl Scouts
Survey the community to gather the following information: population, tons of garbage per week, cost of disposal, etc. Use this information to organize a community awareness poster campaign in a school, church or local shopping area.

MOTHER EARTH

Everything comes from the earth or soil, and sooner or later, everything returns to the earth. Decomposition is nature's way of recycling. Some materials decompose easily. These things are called "biodegradable." But some materials take a long, long time to decompose.

To find out which types of materials decompose easily, try this experiment:

Supplies:

a large clay flower pot	top soil
plastic wrap	pebbles
small pieces of litter	

LET'S DO IT AGAIN Report/Patch Order Form

Troop # _____ Service Unit # _____ PAL _____

Leader: _____

Address: _____ City _____ ST _____ Zip _____

Day phone: _____ email: _____

of Patches _____ X * \$1.50 + 4% tax = \$ _____

*Add \$1.00 for postage and handling when ordering by mail.

Total enclosed

RAISE YOUR ECO-IQ

1. _____

2. _____

RECYCLE, REUSE, REPAIR

1. _____

2. _____

ECO-ACTION

1. _____

2. Describe the project: _____

Mail with check or money order to:

Girl Scout Council of Southeast Louisiana, P.O. Box 10800, New Orleans, LA 70181-0800