



Patch Program



Girl Scout Daisy LEED Patch Program

Accompanies Daisy Flower Garden Journey

Kit Contains:

- ◇ **Patch Program Directions**
- ◇ **“The Littlest Worm” Echo Song**
- ◇ **Recycling/Trash/Compost Sort Folder Game**
- ◇ **Where Does the Garbage Go? And Comprehension Questions**
- ◇ **Wonderful Worms and Primer Page**
- ◇ **PSA Props**



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Learning Objectives

Girls will be able to identify three characteristics of a green building.

National Leadership Outcomes

Discover

Girls Develop Positive Values.

Girls recognize that their choices of actions or words have an effect on others and the environment.

Connect

Girls Promote Cooperation and Team Building, Girls begin to learn how to work well with others.

Girls feel connected to their communities, locally and globally.

Girls are better able to identify people and places that make up their community and understand their various contributions.

Take Action

Girls educate and inspire others to act.

Come Prepared

Please read through the entire patch program before coming to Girl Scouts of Greater Atlanta Service Center in Mableton. Your girls may want to bring props for their video. Suggested items include anything about trash , recycling, or compost.



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Activities During the Tour

Complete All Activities

- ◇ Ask girls to make some sort of sign, like a thumbs up, whenever they hear mention of recycling.
- ◇ Pause your videos at Tour Stop 7 and brainstorm four or five ways items in our recycle bins could be reused or repurposed.
- ◇ At the end of the tour, ask girls to name three things they remember from the tour that involve recycling.
 - ◇ Responses may vary, some suggestions include:
 - When they cleared away the old conference center, the materials were separated and recycled.
 - Metal studs and plastic decking board came from recycled material.
 - The center recycles glass, plastic, aluminum, cardboard, and paper.
 - Water is reclaimed from runoff and used to water our landscaping during drought.

Follow the iPod Tour
Look for this symbol



Reflection Questions

Q: Which parts of the Girl Scout Law are we living by when we recycle?

A: Use resources wisely, Make the world a better place, Responsible for what I say and do, Respect myself and others, Considerate and caring

Q: Why is recycling an important part of a “green” building?

A: Answers may vary



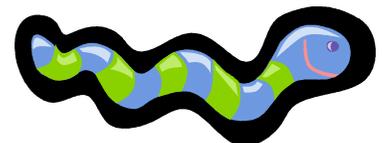
Patch Program



Activities After the Tour

Complete TWO Activities

- ◇ Connect recycling that happens in our building to a “green” lifestyle. Read the book Where Does the Garbage Go? by Paul Showers (ISBN 0-06-445114-3). If it is on their skill level, encourage Daisies to read it to each other. Ask the comprehension questions on the card provided.
- ◇ Connect the concept of compost being things that nature can recycle. Use the card provided to prime the story. Explore the book Wonderful Worms by Linda Glaser (ISBN 0-439-25076-5). Then visit the vermicomposting bin located at Camp Timber Ridge. Be sure to review the rules about handling the worms!
- ◇ Pause your videos at Tour Stop 7 and brainstorm four or five ways items in our recycle bins could be reused or repurposed.
- ◇ Play the Recycling/Trash Compost Folder Game and review the differences between recyclables, trash, and compost using the chart provided.
- ◇ Sing “The Littlest Worm” Echo Song
- ◇ Have the girls make a short, thirty to ninety second, public service announcement about recycling and why it is important to do and record it with an iPod. Please make sure you include your troop number, service unit name, and the first names and last initial of those involved in the video production.





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Where Does the Garbage Go?

by Paul Showers

Comprehension Questions

Q: What are the two main types of waste?

A: *Possible answers:* recycling, trash, or composting

Q: What happens to trash after it is collected by the garbage truck?

A: Trash is buried or burned.

Q: Name three things that can be recycled.

A: Paper, cardboard, aluminum, glass, plastic, etc.

Q: What are some of the things the children in the book did to help the environment?

A: Answers are located on page 28.

Q: What are the three R's of trash?

A: Reduce, Reuse, Recycle (not in the book, but have you heard this before?)





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Wonderful Worms

Story Primer

Connect the concepts:

Compost is something that nature can recycle into soil.

Q: Identify a few things you used in the last day that could be composted. (Hint: If it came from nature, it can return to nature.)

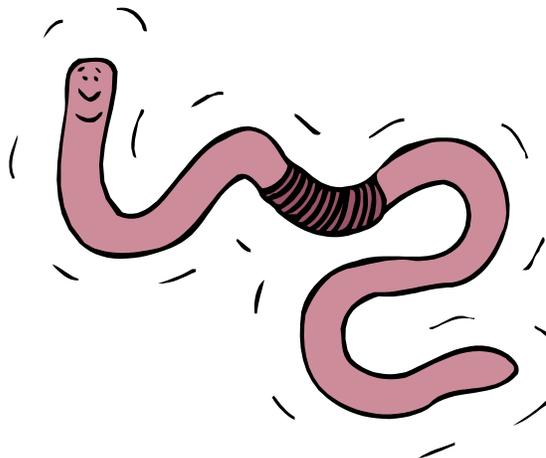
A: Possible Answers: a pair of cotton socks, the apple core from lunch, etc.

Q: What does nature make with the things it recycles?

A: Soil or dirt.

Q: Just like in the book Where Does the Garbage Go? when humans recycle, we use different machines and processes, like crushing, melting, and molding; nature has helpers that help her recycle. Do you know who they are?

A: WORMS!





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Optional Extension Activities

For girls who just can't do enough...

- ◇ Make shopping bags from old t-shirts using the pattern found here
http://www.girlscouts.org/geforevergreen/pdf/GSFG_Make_a_Resuable_Bag_Instructions.pdf
- ◇ Older patient Daisies may want to weave, macramé, or crochet reusable shopping bags, water bottle slings, or other fun and useful projects from “PLARN” (Plastic yarn made from trash or grocery bags) or any other material you choose. If you do not know how to crochet, visit a senior living center (call the activities director in advance) and get a skilled elderly person to help, or locate someone else in your community who might like to partner with you. Or teach yourself– the web has many free how to tutorials and patterns.
<http://www.myrecycledbags.com> <http://www.terracycle.net>
- ◇ Check out Learn and Play the Recycle Way: Homemade Toys that Teach by Rhoda Redleaf and Audrey Robertson (ISBN 1-884834-40-X) from the resource center. Use things that would otherwise be recycled to make fun and interesting projects-like the soda bottle hanging planter, page 176. Or investigate the many other resources out there!
- ◇ Explore these fun resources:
<http://yucky.discovery.com/flash/worm/> for kid friendly information about worms as recyclers
<http://www.epa.gov/kids> for lots of interactive games
<http://www.cancentral.com> for fun and educational video about Al the can and the aluminum recycling process (direct link to the video: <http://www.cancentral.com/curriculumSelect.cfm>)
<http://www.terracycle.net> watch the videos to learn how new things can be made from trash
<http://www.urthbags.com> shop handbags made from recycled materials or get ideas to make your own
- ◇ Additional informational resources:
www.usgbcga.org for information about green buildings and practices
www.earth911.com for information on where to recycle unusual items near you
<http://www.cancentral.com> for fun and educational video about Al the can and the aluminum recycling process (direct link to the video: <http://www.cancentral.com/curriculumSelect.cfm>)
www.nikereuseashoe.com for more about the recycling process of athletic shoes