



## Girls Go Green Council Patch (Juniors)



**Description:** This patch program is intended to raise the girls' awareness and concern for the wellness of the planet. We hope that all troops will participate in this council-wide patch program.

Leaders: Junior Girl Scouts can earn this individually or they may work together. Please make certain that they understand adult supervision is required for internet activity. Girls must complete activities 1 through 4 and record them on the **Girls Go Green Worksheet** on the last page.

### 1. Discussion/Brainstorming

- What things do you recycle?
- What you don't recycle?
- What else could we recycle?

Learn what these terms mean:

- Biodegradable
- Compost
- Corrugated Cardboard
- Global Warming
- Pollution
- Renewable Resources
- Reuse
- Recycle

### 2. Discovery

Find out some surprising facts about "Greening our Planet" and checkout your county recycling instructions at:

Essex County Recycling - <http://www.ecuanj.com/faqs.html>

Hudson County Recycling - [http://www.hcia.org/index.php?option=com\\_content&task=view&id=54](http://www.hcia.org/index.php?option=com_content&task=view&id=54)

Hunterdon County Recycling - <http://www.co.hunterdon.nj.us/depts/swr/hcua.htm>

Middlesex County Recycling - <http://www.mciauth.com/recycleframe.htm>

Somerset County Recycling - <http://www.co.somerset.nj.us/recycle.html>

Union County Recycling - <http://www.ucnj.org/recycle/index.html>

Warren County Recycling - <http://www.co.warren.nj.us/Recycling/>

### 3. Fun Activities

Do a quiz, play a game, do a puzzle and report the activity. Use the **Girls Go Green Links** page to find an activity.

## Girls Go Green Links

This is a list of many kinds of "Green" sites. There are some terrific ones - some more appropriate for younger girls, and others are better older girl resources. As always, the use of the internet needs to be appropriate in supervision.

### Greenopia

<http://www.greentopia.com/site>

Greenopia is your personal guide to a healthy and sustainable lifestyle. We're passionate about helping you make daily choices to live a greener life. You've heard that you should reduce, reuse, and recycle. Here's how you can easily do so. Tips, Information, Ideas.

### Action For Nature

<http://www.actionfornature.org/>

Encouraging young people to take personal action to nurture and protect a healthy environment on which all life depends. Share, Take Action, Games, Awards. Action For Nature (AFN) is a USA-based nonprofit organization that inspires young people to take action for the environment and protect the natural world in their own neighborhood and around the world.

### EcoKids

<http://www.ecokids.ca/pub/index.cfm>

EcoKids is a free, environmental education program that offers curriculum-linked materials and activities for Canadian (but American Kids can find it fun too) elementary schools to engage in environmental action. It offers topical information about the environment through interactive, fun, educational games and activities that utilize participants' willingness to learn. Games, activities, homework help, and blogs are designed to inspire children to become life-long environmental stewards.

### EPA Environmental Kids Club

<http://www.epa.gov/kids/game.htm>

The EPA Environmental Kids Club is a Web site for kids of all ages. It will help you explore your environment and learn how to protect it. There are extensive resources and games, pictures, and stories. Well worth checking out.

### Scholastic Act Green

<http://www.scholastic.com/actgreen/>

A fun site that offers kids ways to Act Green, listing 100 ways to be green, and even offers a GREENERATOR, for earning green points.

### National Geographic

<http://kids.nationalgeographic.com/>

Many interesting issues, activities and games. Be sure to check out: Drinking Water: Bottled or From the Tap?

### Clean Air Kids

<http://www.clean-air-kids.org.uk/Games/index.html>

You will find a series of information sheets for ages 5 to 11, to help learn about our planet's air and mankind's impact upon it. There are also a series of games and puzzles to help you learn and have some fun while you learn.

### **It's a Jungle Out There!**

<http://www.hippoworks.com/games/>

Hippoworks.com is a company owned by cartoonist Denis Thomopoulos and two friends he's had since the 2nd and 4th grade. Aside from making people laugh, It's A Jungle Out There! and its characters help educate people about the environment and treatment of animals. This site offers many games, puzzles and stories.

### **Smog City**

<http://www.smogcity.com/welcome.htm>

Smog City is an interactive air pollution simulator that shows how your choices, environmental factors, and land use contribute to air pollution. In Smog City you're in control so your visit can be a healthy or unhealthy experience depending on the decisions you make. You'll see how ground-level ozone, the biggest part of summertime smog, increases or decreases when you spend a day in Smog City. And since ozone can irritate respiratory systems, cause breathing difficulty, coughing, and chest pain, knowing how and why ozone forms and what you can do about it is important to the residents of Smog City and everyone else on the planet.

### **Energy Hog Busters**

<http://www.energyhog.org/childrens.htm>

Learning about energy is fun when you include energy hogs! The Energy Hog Challenge is a set of classroom activities that guide children through lessons about different sources of energy, how we use energy at home, and how to bust energy hogs to save energy. Each student can become an Official Energy Hog Buster upon completion of the lessons. It covers the subject areas of Science, Math, Technology, Language Arts and Social Studies, and meets national learning standards and is designed for grade levels 3-8.

### **Earth 911**

<http://earth911.org/>

Earth 911 delivers actionable local information on recycling and product stewardship that empowers consumers to act locally, live responsibly and contribute to sustainability. Has an Environmental Glossary.

### **GreenIQ**

<http://www.greeniq.com/greeniq>

GreenIQ believes that you don't have to hug trees to support them. The big picture behind GreenIQ is your, my, our, our children and our grandchildren's future. GreenIQ will take the esoteric concept of the carbon footprint and bring it down to Earth in a straightforward, more easily gauged way. How? By simply taking our GreenIQ test you can measure how green you really are. Cute - great quiz - tips.

### **Cool Kids For a Cool Climate**

<http://www.coolkidsforacoolclimate.com/>

This site reviews the effects of climate change by introducing Arnold the Polar Bear. Although this is a European project, the suggestions apply here as well. This site also leads to other environmental sharp sites.

### **Envirometer**

<http://go.ucsusa.org/game/>

This game tests your knowledge of how consumer choices affect the environment. As you answer questions and 'shop green', the Envirometer gauges the cumulative impact of your choices. The centerpoint on the Envirometer represents the impact of an average American household -- at the end of the game you can compare this average to your own impact on air quality, water quality, natural habitats, and the sustainability of our climate.

### **CO2 Footprint**

Some of the sites for calculating your CO2 footprint.

<http://www.carbonfootprint.com/> OR [http://www.junkscience.com/Greenhouse/offset\\_calc.htm](http://www.junkscience.com/Greenhouse/offset_calc.htm)



## Girls Go Green Worksheet for Junior Requirements

The are four areas in the activities: \*Discovery \*Discussion/Brainstorming \*Fun Activities \*Commitment

### 1. Discovery:

Find out some surprising facts about "Greening our Planet." For instance:

Recycling **one** plastic bottle can save enough energy to power a light bulb for six hours.

Americans drink over 29 billion bottles of water a year – that is 29,000,000,000 – and almost all of those end up in landfills.

One trillion, that's 1,000,000,000,000 plastic bags are used every year and plastic bags take 1,000 yrs. to decompose in a landfill.

\*List three other surprising facts you found:

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### 2. Discussion/Brainstorming:

\*What things DO you recycle \_\_\_\_\_

What things don't you recycle \_\_\_\_\_

What else could we recycle \_\_\_\_\_

\*Learn some terms (supply simple definition):

Biodegradable \_\_\_\_\_

Compost \_\_\_\_\_

Corrugated Cardboard \_\_\_\_\_

Global Warming \_\_\_\_\_

Pollution \_\_\_\_\_

Renewable Resources \_\_\_\_\_

Reuse \_\_\_\_\_

### 3. Fun Activities:

Do a quiz, play a game, or do a puzzle – look to the 'Girls Go Green' Link listed below to help find an activity

\*What activity did you do: \_\_\_\_\_

4. **Commitment:** \*Pledge to adopt a new green habit. Discuss with your troop what you have decided to do to help Green our planet.

Complete these statements

" I will commit to now \_\_\_\_\_ so that our planet will be greener."

" I will encourage others to \_\_\_\_\_ so that our planet will be greener."

My Name \_\_\_\_\_ My Troop # \_\_\_\_\_ Grade \_\_\_\_\_



Hand in to your troop leader when complete.