

Solar Generation Workshop Grid

All workshops take place in The Solar Generation Workshop Tent, unless otherwise noted. See inside pages for full workshop descriptions.

Friday	Saturday	Sunday
2:00 - 3:00 pm Full Circle Grease <i>(ages 14 years and older)</i>	9:00 - 10:00 am Solar Race Car: Initial Meeting Open Air Workshop Area <i>(ages 10 -14)</i>	9:00 - 10:30 am WWOOFing Around the World <i>(all ages)</i>
3:30 - 4:30 pm Fading the Footprint <i>(ages 14 years and older)</i>	11:00 am - 12:00 pm Song Writing <i>(teenagers only)</i>	11:00 - 12:00 pm Making the World a Better Place <i>(all ages)</i>
3:30 - 4:30 pm Youth SF Site Tour Meet at Power Station/Juice Bar <i>(all ages, under 11 with parent)</i>	11:00 - 12:00 pm Solar Generation Herb Walk Meet at the Cob House <i>(all ages, under 11 with parent)</i>	11:00 - 12:00 pm Forest Explorers Meet at the Cob House <i>(ages 6-10 years old, with parent)</i>
5:00 - 6:00 pm Climate Change 101 <i>(ages 11-15 years old)</i>	12:30 to 1:30 pm Eating for You & Planet <i>(all ages)</i>	12:30 - 1:30 pm Solar and Hydro Power <i>(all ages)</i>
6:30 - 7:30 pm Friday Night at the Movies <i>(all ages)</i>	12:30 to 1:30 pm Jane Goodall Forest Walk Meet at the Cobb House <i>(all ages, under 11 with parent)</i>	2:00 - 3:00 Solar Car Showcase Open Air Workshop Area <i>Everyone Welcome</i>
	2:00 - 3:00 pm Youth SF Site Tour meet at Power Station/Juice Bar <i>(all ages, under 11 with parent)</i>	2:00 - 4:00 pm Finding Heroes in Nature <i>(all ages)</i>
	2:00 - 3:00 WWOOFING as a Way of Life <i>(all ages)</i>	
	3:30 - 4:30 pm The Power of the Wind <i>(ages 10-16 years old)</i>	

The Solar Generation Workshop Schedule



Education for
Young People
2011



5 Stickers = Ice Cream at the SolarFest Ice Cream Booth

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We have created these workshops especially for YOU. Here are some things that will help you get the most out of the Solar Generation Workshops:

→ Every time you attend a Solar Generation Workshop, you will get a sticker to put on your program. When you get 5 stickers, bring your program to the SolarFest Ice Cream booth to get a free ice cream. You will not receive a sticker for workshops in any other track.

→ Most Solar Generation workshops take place in The Solar Generation workshop tent. But there are also some outside workshops, which meet either at the Cobb House (near the Kids Corner) or at the SolarFest Power Station (also called the Juice Bar). The Solar Car Showcase takes place in the Open Air Workshop Area outside of the arena. Check the program for exact locations of all workshops.

→ Each workshop description tells you the age child/young person who can attend each workshop. Most workshops are open to all ages, but some are only open to certain ages. Some outdoor workshops require you to bring a parent if you are under 11 years old.

→ The Solar Car Showcase is open to young people ages 10 -14 years old. If you want to build and race a solar car, you **MUST** attend the initial meeting held on Saturday from 9:00 - 10:00. The Showcase is on Sunday (2:00 - 3:00) but only those who attend this meeting will be able to build and race a car. Everyone - of all ages - is welcome to watch and cheer on your favorite car!

SUNDAY continued

All Workshops are held in The Solar Generation Workshop Tent -- unless another location is listed below the workshop title.

2:00 – 4:00

Finding Heroes in Nature: An environmental writing workshop



Join Pamela for a creative writing exercise using things found around Forget-Me-Not Farm. Gather sticks, stones, flowers, dirt, or even horse poo to help us plot an exciting SolarFest story! After a half-hour nature walk, we will flesh out our stories with action, conflict and dialogue. Finally, we will polish our stories in hopes of getting them published in a By Kids/ For Kids Magazine or in the SolarFest newsletter.

Presenter: Pamela Maynard

All Ages

2:00 – 3:00

The SolarFest Solar Car Showcase

Located at the Open Air Workshop Area



Everyone is invited to the SolarFest Solar Car Showcase to watch young people demonstrate and race the solar cars they designed and built during the festival. If you are between the ages of 10-14 years old and you want to participate in this Solar Car Showcase, you must attend the Initial Meeting on Saturday 9:00 - 10:00am.

Everyone Welcome

Enjoy SolarFest 2011

Collect 5 stickers from The Solar Generation Workshops and get a free ice cream from the SolarFest Ice Cream booth.

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S A T U R D A Y W O R K S H O P S

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9:00 -10:00

You Can Build and Race a Solar Car! The Initial Meeting

Located at the Open Air Workshop Area



In this hands-on workshop, you will design, test, build and race your own solar powered cars! We provide the tools, materials, and know-how - you provide the creativity, determination and hard work. This initial meeting, where safety issues and guidelines will be discussed, is **required** for everyone who is interested in building a car and participating in the final showcase (held on Sunday from 2:00 – 3:00pm). There will be several opportunities during the festival to work on your cars - most young people spend a total of 4-6 hours – at a designated area inside the main arena. *Open only to young people ages 10-14 years old.*

Ages
10-14

Presenters: Kevin Kiefaber and Joao Leao

11:00 – 12:00

Songwriting for the Solar Generation



Do you have a great idea about renewable energy that you want to turn into a song, poem, story or a speech?

This workshop – for teens only - will give you a variety of tools for finding the right words, melody, rhythm and sound. Bring in your own song ideas or come up with new ones in the workshop. We will perform some of the songs written in this workshop on the Family Stage on Saturday at 12:30pm.

Presenter: Spook Handy

Teenagers

11:00 – 12:00

Solar Generation Herb Walk

Meet at the Cobb House in Kids' Corner



Come and explore Forget-Me-Not Farm during this family-friendly weed walk. We will introduce you to the helpful nature of our backyard “weeds” and demonstrate a deeper interdependence between our health and well being with the natural world - in a fun, creative manner. *(This is an outdoor workshop, please meet at the Cobb House. All children under the age of 11 years old must be accompanied by an adult.. All plants identified during the walk are safe.)*

Presenter: Jennifer Langstaff-French

All
Ages

12:30 – 1:30

Healthy Eating For You and the Planet: No Vegan Diet – No Vegan Powers



Have you ever wondered what it means to be vegan? In this workshop, we will discuss the environmental and personal issues related to our food choices and discuss how to lower your impact on the earth by choosing a vegan diet. Come discover what foods are vegan, how to veganize recipes, and how to eat healthy vegan food vs. junk food vegan. We will taste-test some delicious vegan food like kale chips, yummy vegan cake, a variety of mock meats.

All
Ages

Presenters: Kathi Altobell & Maureen Cain

S A T U R D A Y c o n t i n u e d

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12:30 – 1:30

Explore the Forest Like Jane Goodall!

Meet at the Cobb House in Kids' Corner



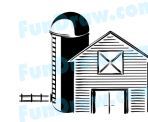
We invite young everyone to join us on a mini-hike full of interactive storytelling and real life stories about Dr. Jane Goodall's experiences in Tanzania. Learn how to communicate like a chimpanzee, become an explorer and scientist, and share a message of hope with the world! *(This is an outdoor workshop, please meet at the Cobb House. All children under the age of 11 years old must be accompanied by an adult.)*

Presenters: Jane Goodall's Roots & Shoots Interns and Leadership Council

All
Ages

2:00 – 3:00

WWOOFING AS A WAY OF LIFE: World Wide Opportunities on Organic Farms



Join Michael as he shares his family's experience WWOOFing in New Zealand, Hawaii and the United States as well as their experience hosting WWOOFers on their homestead in Vermont. Discover the real-world practical educational experience of living and working with others on sustainable projects involving organic practices, community building and the sharing of knowledge.

Presenter: Michael Travis

All
Ages

2:00 – 3:00

SolarFest Site Tour For Young People

Meet at the “Juice Bar” (aka Power Station)



Have you ever wondered how we manage to power *everything* at SolarFest using renewable energy? Come visit SF's on-site energy technologies, including our solar hot water installations, our numerous photovoltaic panels, and the main Power Station. The tour is led by some of the young people who have grown up at SolarFest. Children under the age of 11 must be accompanied by a parent.

Presenters: Sarah Goldsmith, Adam Goldsmith, Kiah Laramie and a whole lot of Sock Puppets!

All
Ages

3:30 – 4:30

Harnessing the Power of the Wind



For centuries, people have been harnessing the power of the wind to grind grain, pump water and power our machines. Come learn how wind is used to make electricity and get some hands-on experience with small-scale wind turbines. Learn how to use a voltage meter to determine how much electricity different types of turbine designs create and why some designs work better than others.

Presenters: Angela Ferrelli & Beth Otto

Ages
10-16

SUNDAY WORKSHOPS

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9:00- 10:30

WWOOFing in Vermont and Around the World: World Wide Opportunities on Organic Farms.



Scott and Lindsay will share their stories about what they learn from WWOOFing at a self-sufficient permaculture commune in Italy and a goat dairy in North Carolina. Sue will share her experience as a host site in Vermont. Together, they will show photos and share the skills they learned and taught, the challenges they faced, and the adventures they had.

All Ages

Presenters: Lindsay Arbuckle, Scott Courcelle, and Sue Katt

11:00 – 12:00

Making the World a Better Place: Jane Goodall's Roots & Shoots



Are you a young person who wants to change the world? Do you want to inspire other young people to engage in service projects that address important social and environmental concerns? Come and learn how you can make the world a better place by working with Roots & Shoots to create youth-led service projects and connect to young people in 120 countries around the world!

All Ages

Presenters: Jane Goodall's Roots & Shoots Interns and Leadership Council

11:00 - 12:00

Forest Explorers

Meet at the Cobb House in Kids' Corner



In this workshop we will leave the SolarFest main grounds and go exploring in the woods. Be prepared to get dirty as we discover nature at work in the forest. We'll look at the kinds of shelters critters create for themselves and we'll make some of our own. Come hug a tree, crawl like an ant and slither like a snake to encounter the natural world on various levels. *(This is an outdoor workshop, please meet at the Cobb House. All children must be accompanied by an adult.)*

Ages 6-10

Presenter: Leora Mallach

12:30 – 1:30

How Solar and Hydro Power Work



Look around the festival, there are Solar Panels everywhere. But how do they work? Through discussion, photos and hands-on demonstrations, we will learn about passive solar design, how photovoltaic cells work, and how we can create electricity from flowing water. We will make a snack using a solar oven and learn how the weather effects power production for solar and hydropower systems.

5 and older

Presenters : Angela Ferrelli & Beth Otto

FRIDAY WORKSHOPS

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2:00 – 3:00

Full Circle Grease: From Collection to Filtration to Community



A hands-on overview, on the do's and don'ts of collecting Waste Vegetable Oil (WVO). Learn how to properly filter WVO, how to use it in your converted vehicle, and how to creatively reach out to the wider renewable community.

Ages 14 and up

Presenter: Todd Tyson, from the Tunbridge Grease Collective

3:30 – 4:30

Fading the Footprint



Come to this offbeat, upbeat breezy workshop and learn how you can live off-grid and have a great, green life! Todd will discuss water and energy conservation and how you can reduce your carbon footprint and live well on less of everything.

Ages 14 and up

Presenter: Todd Tyson

3:30 - 4:30

SolarFest Site Tour For Young People

Meet at the "Juice Bar" (aka Power Station)



Have you ever wondered how we manage to power *everything* at SolarFest using renewable energy? Come visit SF's on-site energy technologies, including our solar hot water installations, our numerous photovoltaic panels, and the main Power Station. The tour is led by some of the young people who have grown up at SolarFest. Children under the age of 11 must be accompanied by a parent.

All Ages

Presenters: Sarah Goldsmith, Adam Goldsmith, Kiah Laramie and a whole lot of Sock Puppets!

5:00 - 6:00

Climate Change 101



A hands-on workshop. Conduct experiments to understand how carbon dioxide creates the greenhouse effect that is causing global climate change. Learn about the amount of carbon dioxide humans emit every time we exhale compared to how much our machines make. Get hands-on experience on how carbon dioxide affects our weather.

Ages 11-15

Presenters: Angela Ferrelli & Beth Otto

6:30 – 7:30

SolarFest Friday Night at the Movies



This year's movie is titled: BAG IT, a fascinating film about plastic bags!

All Ages

Bag It has been garnering awards at film festivals across the nation. What started as a documentary about plastic bags evolved into a wholesale investigation into plastics and their effect on our waterways, oceans, and even our bodies.

Come to the movies! Enjoy organic popcorn! EVERYONE WELCOME!