



2010 Growing Greener School Grounds Conference

## ***Workshop Descriptions***

# TULE ELK PARK

2110 Greenwich Street, San Francisco

## Morning:

### **Tap the Sky: Rainwater Harvesting on the Schoolyard**

*Shain Herbert, The Urban Farmer Store*

The *instructional* portion of the workshop include the how and why of rainwater harvesting, illustrating the appropriate use and reuse of water. The *lab* portion of the workshop will focus on the installation of a small, functioning rain harvesting system.

### **Art in the Garden**

*Ayesha Ercelawn, Garden Educator, Tule Elk Park CDC*

Open your students' eyes to alternative ways of enjoying nature in their schoolyard. Explore a variety of natural materials through weaving, pigment making, and mosaics. We will weave in connections to the natural sciences and other academic subjects, while discussing our garden's emergent and ever-changing curriculum.

### **Story Telling in the Garden: Garden Wit & Wisdom Comes Alive**

*Beatrice Bowles, storyteller*

Learn how to use cross-cultural storytelling to delight students into appreciation of universal garden principles with two ancient myths, "The Monkey King & the Peaches of Immortality" from China and "Iduna's Magic Apples" from Northern Europe. Dramatize nature-based wisdom shared by diverse traditions and have fun capturing young audiences. Booklist, tips for technique, and live practice, plus free audiotape of evergreen stories from world mythology.

### **Schoolyard Master Planning**

*Lori Shelton, SFUSD Green Schoolyard Bond Department & Lisa Howard, Bay Tree Design, Inc.*

Understand how to reach out to your school community to include them in the green school ground transformation process, and keep them energized as stakeholders. Learn hands-on approaches to analyzing your schoolyard and creating and master plan.

## Afternoon:

### **Successful Fundraising, Grant Writing, and Advocacy for your School Garden**

*Elizabeth McNamee, McNamee Consulting & SFGSA Grant Writer*

Participants will gain and understanding of the many layers of fundraising and advocacy that successfully support a garden program. Participants will learn how to approach foundations, craft effective grant proposals, outreach to their surrounding neighborhood, and cultivate support from within their own school community. Bring specifics regarding your own school for discussion.

### **School Gardening for PreK-2nd Grade**

*Rivka Mason, Malcolm X Elementary School in Berkeley and School Garden Consultant*

Back by popular demand, Rivka's workshop always fills up quickly! She will offer an in-depth look at how K-2nd grade-level standards and curriculum translates into lessons in the garden. Learn best practices and creative ways to bring nutrition into your students' activities. You will walk away with hands on activities and loads of inspiration. There will be time for questions and troubleshooting.

### **Garden Allies: A closer look at Insects in your Garden**

*Frederique Lavoipierre, Professor of Entomology at Sonoma State University*

Learn how you can put predatory, parasitic and pollinating insects to work in your garden. This workshop is a unique opportunity to learn how to recognize your insect allies in the garden and to get a close look at integrating the world of insects into school garden curriculum.

# MIRALOMA

175 Omar Way, San Francisco

## Morning:

### **Lesson from the Sun: Solar Energy Education for K-8**

*Scott Cornell, Solar Schoolhouse/Rahus Institute*

Put the sun to use in your schoolyard! Learn about hands-on solar curricula you can use to create human sundials, solar box cookers, mini-solar cells, and many other sun-powered lessons.

### **Taking FOSS Outdoors**

*Erica Beck Spencer & Karen Mendelow Nelson, Science Curriculum Specialists, Lawrence Hall of Science, FOSS Program*

Discover how to use your schoolyard and the outdoor environment to enhance and vitalize FOSS (Full Option Science System) instructional curriculum. You and your students can “Take FOSS Outdoors” and investigate the earth science, physical and life science concepts that they are learning in class by exploring them in the open air in the natural environment. We will model hands-on strategies for outdoor classroom management, student tools, and practice a sampling of several lessons directly from FOSS. Attendees will take home curriculum that links gardening and ecological awareness and model opportunities for student inquiry, accomplishing FOSS curriculum objectives. Teachers who are new to using the schoolyard will gain confidence and be empowered to do more science outdoors.

## Afternoon:

### **School Gardening with 3-5th Grades**

*Laurel Anderson, Salmon Creek School in Occidental California*

Participate in a variety of hands-on tried and true garden lessons geared towards 3-5th grades with veteran school garden teacher Laurel Anderson from Salmon Creek School in Sonoma County. Meet Annelida the worm puppet and explore the world of decomposers. Celebrate the miraculous world of seeds with a focus on how they travel and seed saving in the garden. Discuss how to develop a garden nutrition link with Eating from the Rainbow. Learn how to make plant dyes from a Dye garden. This workshop fills up quickly.

### **Understanding Plant Watering: Schoolyard Irrigation**

*Tom Bressan, Owner, The Urban Farmer Store*

What do plants need to thrive? This workshop will cover the basics of irrigation; designing your system, choosing the correct materials, and hands on instruction on how to install an automatic drip system or temporary spray system to help with summer watering.

### **Math in the Garden**

*Christine Manoux, Education Program Coordinator, UC Botanical Garden*

Engage all learners by teaching math out in the garden and by bringing produce into the classroom. This hands-on workshop features fun and active lessons from the Standards-aligned guidebook [Math in the Garden](#) for ages 5-13.

## Morning & Afternoon:

### **Brighten your Schoolyard with Tile Mosaics**

*Aileen Barr, Artist, San Francisco ([www.aileenbarr.com](http://www.aileenbarr.com))*

Celebrated mosaic artist Aileen Barr will show you how to bring an exterior school wall to life. A tile mosaic mural brightens any schoolyard! Come learn mosaic techniques while getting hands-on experience as you help to install a schoolyard masterpiece.

# SCHOOL OF THE ARTS

555 Portola Drive, San Francisco

## Morning:

### **Environmental Education at the High School Level: Slimy worms, fuel cells and Twinkies**

*Will Parish, Teacher, Gateway High School, San Francisco*

Learn a variety of hands-on tried and true methods for engaging high school students in real world, current science topics. Lesson plans, project ideas and small worm farms will be part of this exciting workshop.

### **Cooking in the Garden**

*Matt Tsang, Garden Educator, Willard Middle School, Berkeley*

Back by popular demand, Matt will demonstrate how schools can cook delicious food outdoors with their students, even in the absence of a kitchen classroom. Learn cooking techniques that only require a portable butane burner, grill, and basic cooking tools.

### **Native Plant Pollinator Gardening**

*Gregory Kellet, Pollinator Partnership*

Help plant a bird and butterfly garden while learning the habitat needs of these and other beautiful winged creatures. The session will include curriculum for elementary and middle school age students.

## Afternoon:

### **Organic Vegetable Gardening**

*Ecology Center of San Francisco*

Come get your hands (and knees!) dirty learning the basics organic gardening. In this workshop you will learn the fundamentals of building good soil, appropriate planting, watering and problem solving. You will understand the value of good mulch, strategies for vanquishing gophers and other garden invaders. Come to this workshop in order to get the most out of your vegetable plantings.

### **Schoolyard Chickens**

*Esperanza Pallana, Pluck and Feather Farm, Oakland, CA*

In this workshop we will discuss the basics of how to care for chickens and some considerations for how to keep these lively animals on your schoolyard. Live chickens will be present as demonstration and for a hands-on lesson in anatomy. We will talk about city ordinance, school-specific requirements, general care, egg laying/harvesting, and more.

### **Evaluation: Reflecting on Your School Garden Program**

*Dr. Mozhdah Bruss, Professor and Program Evaluator at UC Berkeley School of Education*

*Eric Berson, UC Berkeley PhD Candidate*

Participate in a working session on evaluating school garden and outdoor education programs. The workshop will help you reflect on your program, identify evaluation questions and explore data sources to conduct a solid evaluation of your school garden program. Program evaluations will help improve your program as well as help you effectively communicate with stakeholders.

## Morning & Afternoon:

### **Hands-on Cob Bench Construction**

*The Ecology Center of San Francisco*

Cob structures are increasingly popular on schoolyards. Cheap, durable and easy to work with, it is thrilling to build a structure from a humble mixture of sand, clay and straw. Come dig in and get your hands (and feet) dirty by building a garden bench out of cob.