

2018 NEVADA SCHOOL GARDEN CONFERENCE AGENDA



8 - 8:30 a.m.	CONFERENCE CHECK-IN & VISIT RESOURCE TABLE	Community room
8:30 - 8:45 a.m.	OPENING REMARKS <i>Nevada Department of Agriculture & Mountain View Montessori</i>	Community room
8:50 - 10:15 a.m.	WORKSHOP A: VERMICOMPOSTING <i>Marcia Moffitt, UNCE</i>	School garden
	WORKSHOP B: LOW TUNNEL CONSTRUCTION & USE <i>Ray Johnson, Custom Gardens</i>	School garden
	WORKSHOP C: HYDROPONIC GROWING <i>Josie Luciano & student leadership group, Mountain View Montessori</i>	School garden
10:25 - 11:50 a.m.	WORKSHOP A: VERMICOMPOSTING <i>Marcia Moffitt, UNCE</i>	School garden
	WORKSHOP B: LOW TUNNEL CONSTRUCTION & USE <i>Ray Johnson, Custom Gardens</i>	School garden
	WORKSHOP C: HYDROPONIC GROWING <i>Josie Luciano & student leadership group, Mountain View Montessori</i>	School garden
11:50 a.m. - 12:30 p.m.	LUNCH & SCHOOL PRESENTATION- SPONSORED BY MOUNTAIN VIEW MONTESSORI <i>Using garden produce in school, Megan Nutt, Mountain View Montessori</i>	Community room
12:30 - 12:55 p.m.	WORKSHOP D: MANAGING FOOD WASTE AT SCHOOL FOR COMPOSTING <i>Rachel Leach, Silver Stage School G.R.E.E.N. Team</i>	Community room
1 - 1:55 p.m.	WORKSHOP E: COMPOSTING IN THE GARDEN <i>Will Pierz, Carson City Greenhouse Project</i>	School garden
	WORKSHOP F: TEACHING WITH LIVING CREATURES IN THE GARDEN <i>Kevin Burls, UNCE</i>	Community room
	WORKSHOP G: GARDEN LEARNING FOR ELEMENTARY STUDENTS <i>Jackie Silveira-Sater, Mountain View Montessori</i>	Jackie's classroom
	WORKSHOP H: CREATING & USING OUTDOOR CLASS SPACES <i>Dave Hoffman & Daphne Ekmani, Urban Roots</i>	AC classroom
2 - 2:55 p.m.	WORKSHOP I: FUNDRAISING FOR SCHOOL GARDENS <i>Fayth Ross, Urban Roots</i>	AC Classroom
	WORKSHOP J: SCHOOL GARDEN CURRICULUM <i>Erica Indiano, Urban Roots & Kaitlin Weeks, Alice Smith Elementary</i>	Community room
	WORKSHOP K: GARDEN LEARNING IN EARLY CHILDHOOD <i>Rieko Shimbo, Mountain View Montessori</i>	Reiko's classroom

2018 NEVADA SCHOOL GARDEN CONFERENCE AGENDA



<p>3:05 - 4:15 p.m.</p>	<p>ROUND TABLES Introduction of topics & format of session. -WCSO school garden policies, <i>Urban Roots</i> -Seedling CSA, <i>Mountain View Montessori</i> -Permaculture in the Science Classroom, <i>Mountain View Montessori</i> -NDA producer certificate, nursery license, GAP, NDA -2018 NDA school garden grant opportunity for Title 1 schools, NDA</p>	<p>Community room</p>
<p>4:15 - 4:45 p.m.</p>	<p>WRAP-UP ACTIVITY, RAFFLE & CLOSING REMARKS</p>	<p>Community room</p>
<p>4:45 p.m.</p>	<p>CONCLUDE</p>	<p>Community room</p>

SESSION DESCRIPTIONS

VERICOMPOSTING

Vermicomposting relies on earthworms and microorganisms to help stabilize active organic materials and convert them to a valuable soil amendment and source of plant nutrients. Instead of disposing of food scraps, yard wastes, and other organics, the materials can be vermicomposted as a method of recycling. Marcia Moffitt will lead you through construction of a DIY tiered worm bin, discuss setup and care of a worm bin, and provide you with handouts and ideas to help you implement vermicomposting in your school garden.

LOW TUNNEL CONSTRUCTION AND USE

Seasonality of crops can be a challenge for school gardens. Once the fruit starts to set, our young farmers are entering summer break. To have students involved from seed to harvest we have to get creative. Ray Johnson will provide hands-on instruction on how to build low tunnels for extending the growing season for school gardens. Participants will be involved in the process from start to finish and will learn how to implement the same model at their individual locations.

HYDROPONIC GROWING

Josie Luciano will lead participants on a tour of Mountain View Montessori's hydroponic lettuce beds and teach attendees how to make a small, self-enclosed hydroponic growing system that works in any classroom. Class limited to 15 participants. Supplies provided.

MANAGING FOOD WASTE AT SCHOOL FOR COMPOSTING

Food waste is a challenge for all schools, but Rachel Leach and the Silver Stage G.R.E.E.N. Team has successfully collected compostable waste in their school to amend their garden soils for the past few years. In this workshop we'll sort our conference lunch in preparation for composting and learn how Silver Stage engages students in their garden, compost and waste reduction project.

COMPOSTING IN THE GARDEN

Now that you've learned about sorting compostable waste in the school, join us back in the garden to learn more about composting. The Carson Green House Project (CGHP) implemented a three-stage composting system as part of their soil nutrients program and has worked through the challenges of using a school site for composting. Will Pierz will discuss best practices for composting, when to incorporate in the soil, and materials that can be properly composted on a school garden site.

TEACHING WITH LIVING CREATURES IN THE GARDEN

A healthy garden includes plants that encourage beneficial arthropods like pollinating insects and natural predators. These animals help increase fruit set and control pests. They also have enormous teaching potential to students of all ages. Pollinators in particular have been in the news due to declines in bees, butterflies, and other species. In this workshop, Kevin Burls will have a friendly crash course in garden insects and discuss how you can create quality insect habitat in and near your garden. There will be brief overview of teaching possibilities with insects, highlighting the monarch butterfly and milkweed, as well as native bee conservation.

GARDEN LEARNING IN EARLY CHILDHOOD

Rieko Shimbo will introduce age appropriate work/tasks, importance of nature in child development; care of the earth, environment, animals, etc.

CREATING AND USING OUTDOOR CLASS SPACES

All too often school gardens disappear from facilities being neglected, dismissed, and disengaged. Dave Hoffman and Daphne Ekmanis will discuss prevention of these hardships by implementing practical, functional, safe designs that are equally fun, intriguing and engaging.

FUNDRAISING FOR YOUR SCHOOL GARDEN

How do you get the money and materials needed to create or update a school garden? Learn various strategies for raising funds and maximizing resources through this introductory session with Fayth Ross. Learn tips for writings grants, creating corporate partnerships, using crowdfunding, hosting special events, and obtaining in-kind donations. You'll leave with practical tools to get your fundraising strategies on track and drastically increase your school's funds for an outdoor classroom.

SCHOOL GARDEN CURRICULUM

Explore helpful tips from Erica Indiano and Kaitlin Weeks, including garden curriculum both indoors and outdoors, garden committee steps, resources for your garden donations and an open-chat session of the pros and cons of starting your school garden. Come practice hands-on soil experiments through standard-based garden curriculum learning about soil pH and compost chemical reactions in the Mountain View Montessori garden.

GARDEN LEARNING FOR ELEMENTARY STUDENTS

Jackie Silveira-Sater will introduce age appropriate work/tasks, importance of nature in child development; care of the earth, environment, animals, etc.