

## TRAINING PLAN 2008

### 1. Contact: Sally Bowers

Dane County 4-H Youth Development Educator

[sally.bowers@ces.uwex.edu](mailto:sally.bowers@ces.uwex.edu)

1 Fen Oak Court Rm 138

Madison, WI 53718-8812

608-224-3702

608-224-3727 (fax)

Co-trainers Dolly Ledin, Center for Biology Education [daledin@wisc.edu](mailto:daledin@wisc.edu)  
Linda Eisele, City of Madison, Office of Community Development  
[leisele@cityofmadison.com](mailto:leisele@cityofmadison.com)

### 2. Historical Description

A science education partnership developed in the spring of 2005 for sustainable science clubs with after school providers in Dane County. The partners include: UW Extension-Dane County 4-H Youth Development, UW-Madison Center for Biology Education, City of Madison- Office of Community Services, UW –Madison Science House, UW-Madison Graduate Science Outreach Students. A steering committee formed and provides trainings in the fall and winter semesters. After the first year of training they worked on the mission and vision as the number of after school sites and volunteers were expanding such that now 25 sites are involved.

The mission for after school science clubs is – to bring the fun of science exploration and inquiry into the everyday experiences of children that may be sustained in after school programs. The vision is- that science activities and inquiry-based experiences become as integral a part of after school programs as the traditional arts and crafts and recreational activities. That a continuing partnership of the science community and the youth development experience of the providers serve as the catalyst for supporting and sustaining high quality hands-on science exploration.

The model developed for after school science clubs is unique. The Steering committee determines the theme for the training, develops a training plan, recruits the after school staff and volunteers to the training through the internet, provides some of the supplies at the training and does follow up within the first two weeks to determine areas of needed support. At the training the volunteer and after school staff meet each other and work on the science activities together. In 2007 the UW Center for Biology Education developed a UW-Madison service learning course, Engaging Children in Science, UW-Bio 375. This allows students to get credit for their volunteer efforts and weekly support and information regarding teaching children science.

In the winter of 2008 the steering committee was approached by Wisconsin Home Grown Lunch program for using their in school activities in an after school environment. The steering committee decided to partner as this would provide a needed program for summer science clubs. Spring training is being designed for March/April. The science partnership needs funds for this spring training. The design of the training includes a packet of activities for 6 weeks and supplies for the summer science clubs.

### **3. & 4 Training outline, Citizenship/Civic Engagement**

Professional Development  
Wisconsin Home Grown Lunch  
March/April Training

Goals of training:

1. Volunteers and staff become comfortable teaching Wisconsin Home Grown Lunch (WHL) activities
2. Volunteer and after school staff experience science inquiry skills with WHL activities

Promotion of Citizenship/Civic engagement

1. Children learn the origin of their food
2. Children learn nutrition for healthy lifestyles with homegrown food.
3. Children prepare a snack/meal with food from after school garden or from local community garden

6pm. Arrive, eat, introduction game

6:15 Volunteers and Staff paired according to sites

1. Review of Packet
  - Activities related to home grown lunch
  - Science inquiry educational information
  - Science Life skills
  - Resource page
2. Explain logistics and have staff/volunteers work out their schedules

6:30 Puzzle in their mind – Activities from WI Homegrown lunch

1. Four centers set up with different activities
2. Divide into small groups with members of steering committee leading the activity with emphasis on exploration and inquiry
3. Small group rotates to one other activity station

7:00 Learners become teachers

1. Each small group has two participants stay at that station to lead the activity
2. The rest of the small group rotates to next stations

7:30 Reflection time

1. Leave stations and gather together for reflection
2. On flip chart paper reflect on what you learned from doing the activities
3. Reflect on what you learned from leading the activity
4. Identify any changes or adaptations for your site.

7:50 Evaluation and distribution of supplies

**5. Timeline/Sites**

March/April training	2 hours
Posting activities on science club website by May	2 hours
On site visit over the summer for support	12 + hours
<b>Total</b>	<b>16 + hours</b>

**Sites**

Dane County Youth Resource Centers

Kennedy Heights	Vera Court
Neighborhood House	Atwood Community Center
Bridge Lake Point	Boys and Girls Club
Sherman Ave Hmong ESL	Lussier Center(formerly Wexford Ridge)

Madison School Community Recreation

Elvehjem	Gompers
Falk	Allis
Midvale	Sandburg
Lakeview	Mendota
Schenk	Lincoln/Centro Hispano

YMCA

Sunset Ridge
Northside
Sauk Trail
Kennedy

Wisconsin Youth Company

Lakeview
Huegel
Maywood

**6. Budget**

<b>Expenditures</b>	<b>Grant Request</b>	<b>Supporting Funds</b>	<b>Total</b>
Travel	-0-		-0-
Curricula- Jr Master Gardening Curriculum	\$400	-0-	\$400
Supplies- plants	\$200	\$200 WHL	\$200
Training Materials- Printing	\$200	\$100 WHL	\$200
Marketing Materials	-0-	-0-	-0-
Other – food at training	\$200		\$200
<b>Total</b>	<b>\$1,000</b>	<b>\$300</b>	<b>\$1,000</b>