

School Garden 101

Session 5

Agenda

The goal of this session is to 1) provide time for school garden group planning and 2) cover any topics that have not yet been covered. It is important to ask the school garden groups to decide on a meeting schedule for their group after the course is finished. Let them know ways that they can continue to connect with the course facilitators and get support. Topics for the lesson/lecture will come from the mid-course evaluation.

- 3:30 Welcome
Collect and hand back completed assignments
Q & A about last week's session?
- 3:45 Lessons:
Weed, Insect and Disease Management in the School Garden
Food Safety Tips for the School Garden
- 4:45 Break
- 5:00 Discussion: Summer Maintenance and Local Resources
- 5:30 Close:
- Overview: Vision of School Garden101; Role of facilitators in the future
 - Brainstorm next steps for the network of school gardens
 - Evaluation: list on board positives & deltas (+ what you liked and Δ what you would have changed); written feedback – give all participants blank paper to provide additional feedback
 - Hand out certificates of participation

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Session 5
Lesson
(60 minutes)

I. Insects in the Garden

- A. pollinators, predators, parasites, and herbivores
- B. building biodiversity
 - 1. grow native plants
 - 2. plant an insectary
 - 3. eliminate pesticides
 - a. the garden food web
 - b. cultural management techniques
 - i. mechanical: hand removal, modify habitat, use traps and barriers
 - ii. biological: parasites, predators, pheromones
 - iii. eliminate the host plant

II. Weedy Plants in the Garden

- A. definition, values, problems
- B. life cycles, examples
- C. management methods
 - 1. cultivation
 - 2. cover cropping
 - 3. solarization
 - 4. mulching, minimal tilling
 - 5. intensive spacing

III. Plant Diseases in the Garden

- A. types of plant diseases: biological, environmental
- B. preventing plant diseases
 - 1. watering
 - 2. spacing
 - 3. sanitation
 - 4. crop rotation

Publications provided:

UMaine Cooperative Extension bulletin # 7150: Beneficial Insects and Spiders in Your Maine Backyard
UMaine Cooperative Extension bulletin # 7153: Understanding Native Bees, the Great Pollinators:
Enhancing Their Habitats in Maine
MOFGA Bulletin #6: Garden Weeds
OSU Bulletin #FS242: Preventing Plant Diseases in Your Garden and Landscape
Article: Five Steps to Food Safe Fruit and Vegetable Gardening

Recommended additional reference: Weeds of the Northeast

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Discussion: Summer Maintenance and Local Resources – Facilitator Reference Sheet

30 minutes

I. Small group discussion:

20 minutes

Break up into planning groups from the same school and discuss the following. Ask one person from each group to capture notes.

1. Summer Maintenance & Local Resources

- a. What can you do to be sure the garden is managed over the summer months?
- b. What are some local resources that you can connect to?
- c. What local funds and tools are easily at hand?
- d. How can the youth fundraise for the garden?
- e. When will your group meet again?
- f. What tasks need to be completed next.

II. Large group discussion:

10 minutes

Report back to larger group and share resource ideas

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Summer Maintenance and Local Resources Discussion Worksheet

School Name: _____

a. What can you do to be sure the garden is managed over the summer months?

b. What are some local resources that you can connect to?

c. What local funds and tools are easily at hand?

d. How can the youth fundraise for the garden?

e. When will your group meet again?

f. What tasks need to be completed next?

**School Garden 101
Session 5: Pesticides
Classroom Lesson Materials**

Individual Assignment Ideas

School Classroom Lesson Materials (Resources are in your binder)

Refer to Lesson #5 Bibliography for website links or information on how to purchase this publication. [Lesson 5 Bibliography.pdf](#)

- **The Pesticide Banquet**