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Module 10: Garden Ecology

Urban EcoLab

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March 2023

## Lesson Plan - Post-planting Biodiversity Inventory

Center for Urban Resilience

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## **LESSON #10: Post-planting Biodiversity Inventory**

### **OVERVIEW:**

*The purpose of this lesson is to conduct post-planting biodiversity inventories*

### **SUB-QUESTION:**

Biodiversity inventories tell you how things are doing in the garden with regards to plants and the wildlife they attract

- Plants – are they growing, have any died, do they need to be replaced?
- Insects – how many different species of insects are found in the garden (regular surveys would provide an outline to follow)
- Birds – same questions as for insects
- Reptiles – same questions as for birds
- Mammals – same questions as for reptiles

### **WAYS OF KNOWING URBAN ECOLOGY:**

*Students will...*

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**Understand** . Establish and maintain checklists of surveys done on a regular basis

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**Talk** . Discuss how to coordinate each group and ask for needs

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**Do** . Manage a checklist with tasks and goals to measure progress

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**Act** . Coordinate garden team to do their part

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### **SAFETY GUIDELINES:**

Review field guidelines when taking students outside to do any site visit.

**PREPARATION:**

**Time:** 1 class period

**MATERIALS (enough for # groups @ 4 in each group):**

**Activity 10.1 –**

**Activity 10.2 –**

**Activity 10.3 –**

**Activity 10.4 –**

**Activity 10.5 –**

**INSTRUCTIONAL SEQUENCE:**

**Summary Notes:**

**Lesson Standards Alignment (CA-NGSS) (see attached).**

**Lesson Adaptations and Extensions (see attached).**