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Module 10: Garden Ecology

Urban EcoLab

May 2021

Expert Groups Research Graphic Organizer

Center for Urban Resilience

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Name: _____ **Date:** _____
School: _____ **Class Period:** _____

Garden Deliverables Research

Lesson Purpose: To conduct research on various aspects of maintaining a garden, to ensure that all students know what needs to be accomplished in order to ensure successful garden deliverables. The research conducted will include students in each group making recommendations on their assigned topic, to the whole class. This research is critical to informing the class on how to proceed with a Garden Plan for a successful Garden.

The Research covers four (4) main areas:

- *Planning* • *Maintenance* • *Harvesting* • *Distribution*

Tasks:

- Students will be divided up into teams of 4-5, depending on number of students in the class, and assigned a topic
- The research areas will be:
 - Team 1:
 - Create a **Garden Plot** using the “Farmer’s Almanac Garden Planner” or similar plotting program (free on-line)
 - Team 2:
 - Create a **Harvest Timeline** based on research conducted on the growth cycle of the plants planted in the Garden
 - Team 3:
 - **Weather & Climate** of the area and how it will affect garden maintenance and harvesting
 - How to protect plants during inclement weather
 - Be prepared to present a plan to the class
 - Team 4:
 - **Weeding** guidelines for the various plants/crops planted
 - **Thinning** vegetables and other crops (such as radishes and carrots)
 - Team 5:
 - **Watering** guidelines for the crops planted
 - **Soil amending** guidelines for the crops planted
 - Team 6:
 - **Distributing produce** once it has been harvested
 - Who will get it
 - How will it be distributed
 - Consider researching other community / school gardens to see how others have accomplished the distribution piece
 - Team 7:
 - **Flower care**

Research Notes:

- Source:
- Date:
- Notes: