

## **GLC Biodiversity Project Plan & Budget**

This project plan will outline the specific plan of action for a pollinator garden at the George L. Catrambone school in Long Branch, NJ. This biodiversity project will be run through a collaboration of administrators, teachers, 5th grade students, and the community. The primary goal of the garden will be to increase the indigenous flora and fauna in our local community and on our school grounds. This garden will have a specific focus on Monarch Butterflies, and incorporating native NJ plants to give the declining species a safe place to lay eggs and fuel up for their migration to the Sierra Madre Mountains of Mexico. This plan will be modified as needed to ensure a successful pollinator garden is established, and that it can be maintained for years to come.

### **1. PLANNING THE GARDEN**

- Select a garden site with at least six hours of direct sunlight, access to water, and visibility from classrooms to convert into a pollinator garden.
- Form a committee of administrators, teachers, 5th grade students, and the community.
- The garden committee will oversee fundraising, planning, and building of the school garden.
- This garden will have a specific focus on Monarch Butterflies, and incorporating native NJ plants to give the declining species a safe place to lay eggs and fuel up for their migration to the Sierra Madre Mountains of Mexico.

### **2. BREAKING GROUND**

- Cultivate soil- the previously existing mulch and landscape fabric was removed
- Weeding- the surrounding areas were cleared of weeds and grass
- Order seeds/plants- donations of pollinating plants best for Monarch Butterflies has been donated (Dr. Duckett, an entomologist from Monmouth University & Mrs. Debbie Smith the president of the Oceanport Garden Club)
- Soil Preparation- the garden area's soil was enriched with fertilizer and topsoil
- Planting- Milkweed plants were subsequently planted in the ground and covered with a layer of fresh mulch, other pollinating plants have been added to the garden, and students have been germinating seeds that were sent home to add to the school pollinator garden

### 3. MAINTAINING THE GARDEN

- Plant seeds in containers
- Cultivate garden beds
- Weed and mulch beds
- Add soil
- Plant and transplant
- Water plants as needed
- Watch for pests and harsh weather

### 4. MANAGING THE GARDEN

- Schedule homeroom gardening times
- Create a garden maintenance tasks list
- Plan a holiday and summer maintenance program
- Create a supply ordering system
- Record work completed and date

	<b>Monday</b>	<b>Tuesday</b>	<b>Thursday</b>	<b>Friday</b>
8:00-8:45	Lopes	DeSantis	Morrison	Luehman
8:45-9:30	Costello	Choi	Brown	Melendez
9:30-10:15	Morrison	Luehman	Lopes	DeSantis
10:15-11:00	Brown	Melendez	Costello	Choi

### 5. BUDGET

<b>GLC Pollinator Garden Budget</b>			
	<b>Price</b>	<b>Qty.</b>	<b>Total Cost</b>
<b>Seeds</b>			0
<b>Plants</b>			0
<b>Soil</b>	9.69	20	\$193.80
<b>Fencing</b>	\$14.98	4	\$59.92
<b>Mulch</b>	\$2.99	8	\$23.92
<b>Gardening Tools</b>	\$10.98	10	\$109.80
<b>Lawn Set</b>	\$153.90	1	\$153.90
<b>Coffee Beans</b>			

