



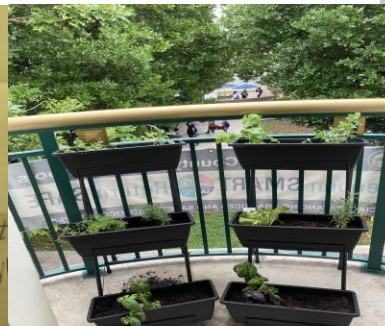
# Growing up from Scraps

Fulford Falcons Gardeners

2nd-5th Grade

Ms. Brice, Ms. Costa, Ms. Nguyen, Ms. Myles, Ms. Francois

Ms. Richardson's 4th Grade Dreamers & 5th Graders Science Club



# RECYCLE

- We Recycle!
- Everything in our Vertical Garden is Recycled from the seeds to the materials.



# We started our Vertical Garden using Recycled wooden Crates.

1

Step 1. retrieved the wooden crates after every school delivery.

2

Step 2. Remove the extra levels of un-wanted wood and nails in order to have the perfect layout.

3

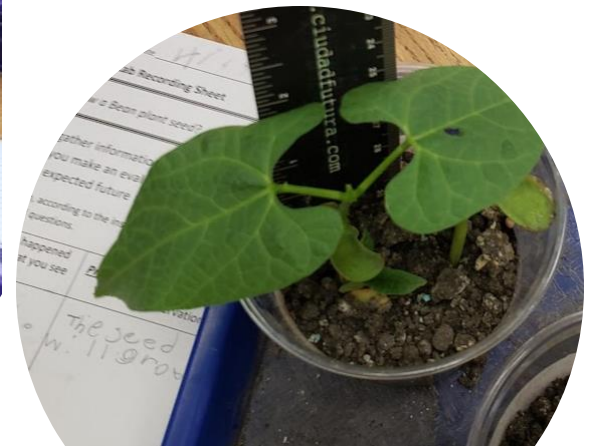
Step 3. We painted the crates and labeled them.

## Materials used:

- Recycled wooden crates from school deliveries.
- Hammer
- Nails
- Paint
- Paint brushes
- Gloves
- Sharpies
- Recycled window screens to support the bottom of the crates.
- Scissors



# From Seeds to our Vertical Garden






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## Pumpkin seed

- **Problem Statement:** Does the size of the pumpkin determine how many seeds it has inside?
- **Hypothesis: 1.** -The Bigger pumpkins will have more seeds inside.
- **Hypothesis: 2.** -The smaller pumpkins will have more seeds inside.
- **Hypothesis: 3.** -The size of the pumpkin does not determine the number of seeds inside.
- **Materials:** pumpkin, balance scale, plates, napkins, knife (teacher will cut the pumpkins for each group)
- **Procedures:** step 1: place your pumpkin on the balance.
- **Step 2:** use the gram pieces to weight the pumpkins:
- **Step 3:** count your seeds.
- **Step 4:** compare your results.

# Students Work on Pumpkin Seeds

## Pumpkin Seeds

Problem Statement: 


Does the size of the pumpkin determine how many seeds it has inside?

Hypothesis: The size of the pumpkin does not determine the number of seeds inside.

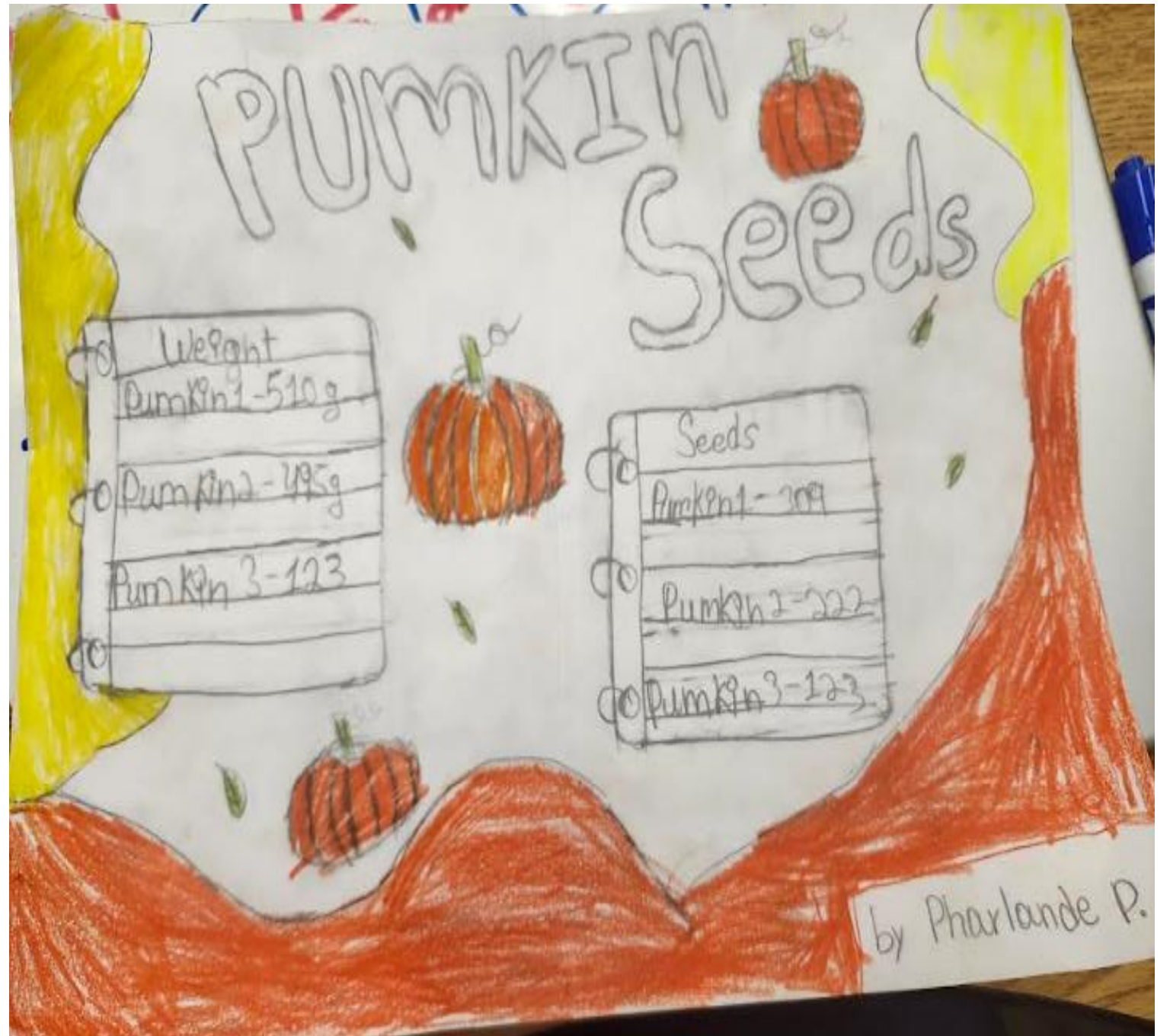
Materials: Pumpkin, balance scale, plates, napkins, (teacher will cut the pumpkins for each group)

Procedures:

- Step 1: Place your pumpkin on the balance
- Step 2: Use the gram pieces to weight the pumpkin
- Step 3: Count the seeds
- Step 4: Compare the results



Pumpkin  
seeds  
student's  
data



Student's Pumpkin Seed Conclusion:  
 The size of the pumpkin does not determine how many seeds are inside, as some of the smaller pumpkins had more seeds.

4<sup>th</sup> Grade  
 Ms. Richardson

# Pumpkin Seeds Frankie

Problem statement:  
 does the size of the pumpkin determine how many seeds it has inside? *hypothesis: the bigger pumpkins will have more seeds inside.*



Materials: pumpkin, scale, and counter.

Procedure: Step 1: Place your pumpkin on the balance  
 Step 2: use the gram pieces to weight the pumpkin.  
 Step 3: Count your seeds  
 Step 4: compare your results

**(DATE:)** Pumpkins  
 October.

1	307 grams	- 76 seeds
2	510 grams	- 304 seeds
3	166 grams	- 123
4	445 grams	- 222 seeds

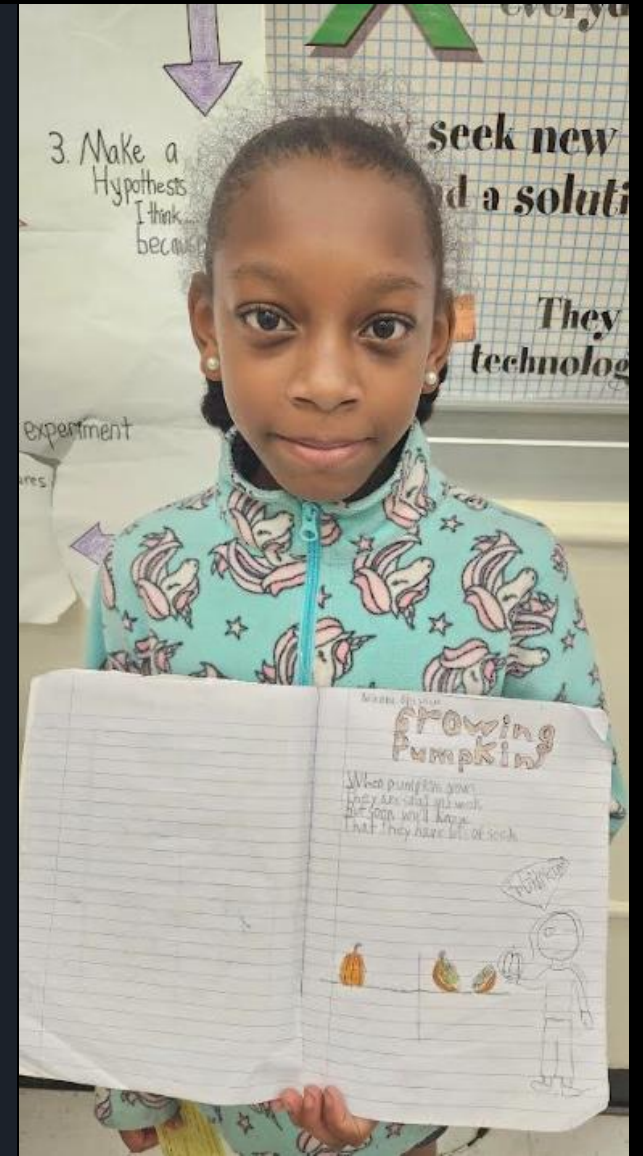
Conclusion: my hypothesis was correct / *not correct*, as the smaller pumpkin had more seeds than the bigger pumpkin.



## Growing Pumpkins by: Arianna Brasham

- When Pumpkins grow....
- They are small and weak
  - But soon you'll know,
- That they have lots of seeds.



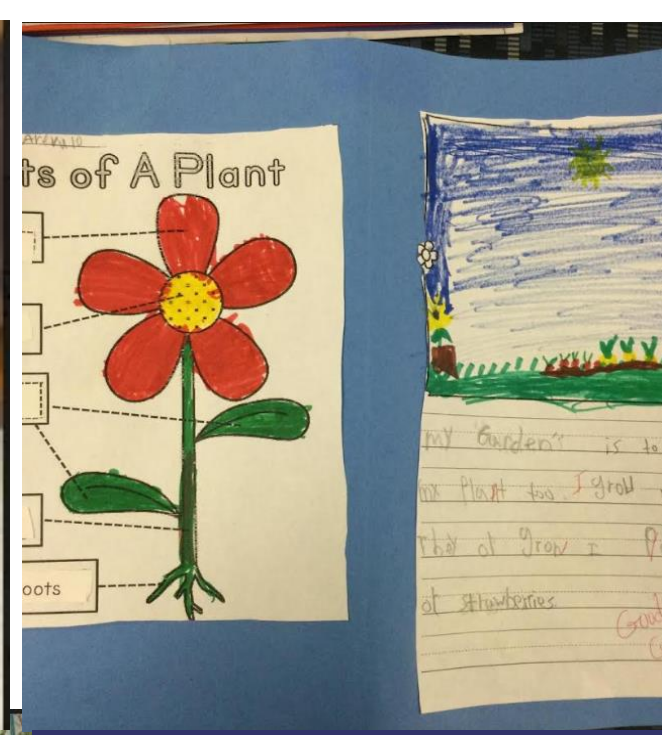
# VERTICAL GARDENS ACROSS FULFORD



# Ms. Brice's Gardeners

- Planting carrots!





Ms. Costa's Busy Bees!

# Ms. Nguyen's Environmentalist Poets!

Name: Sephora Pierre Date: 2/28/24

**My Poem**

The Sequoia tree for me


I am a fascinating gigantic  
and a magnificent sight. Watch  
me rush through the air. I am  
a amazing thing to look at

I feel very rough but look smooth.


I am a sequoia tree. Hooray

Sephora Pierre 2/28/24


I am a fascinating and  
gigantic and  
a magnificent sight. ★

★ Watch   
 me brush through the air.

I am a spectacular thing

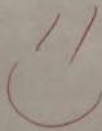
Hear   
 me rush through the air.

I am a amazing thing to look at

I feel   
very rough but look smooth

I am a Sequoia tree.

★ Hooray! ★  
 ★ ★ ★



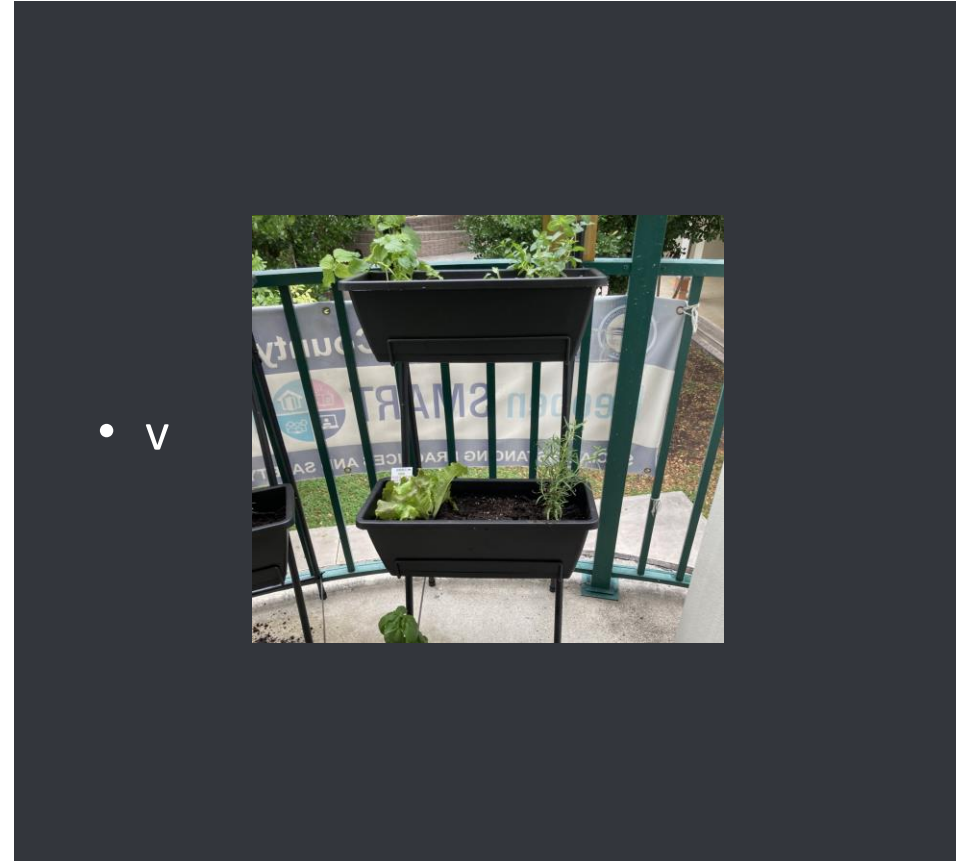
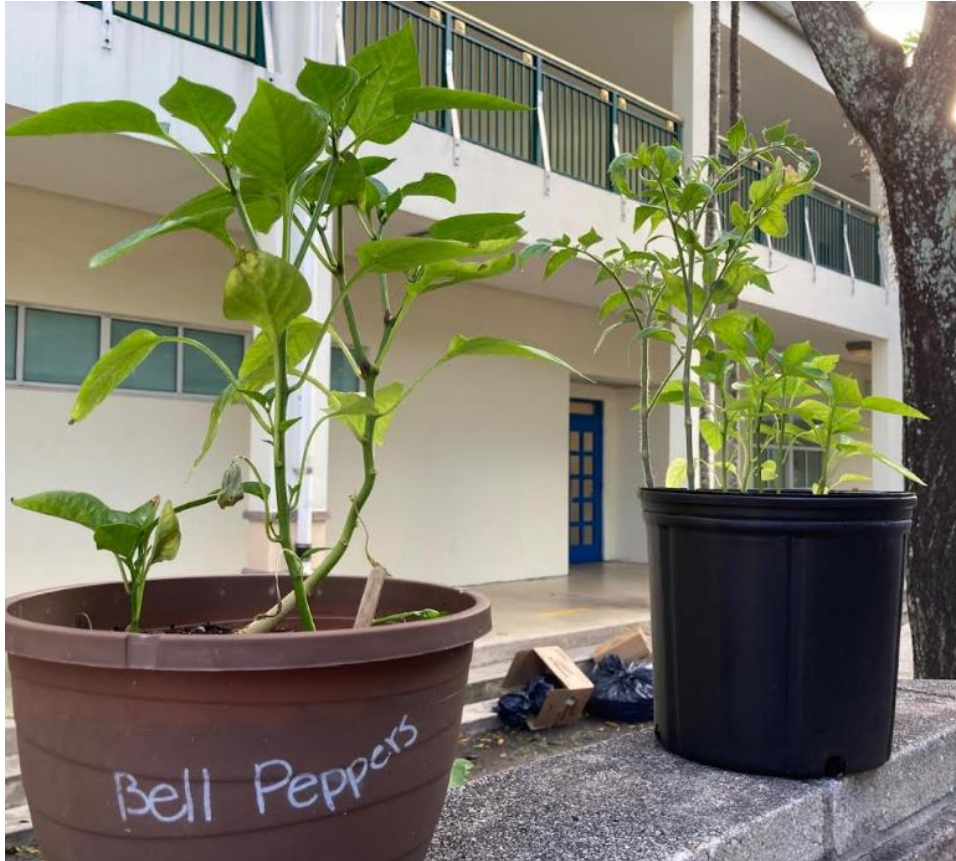
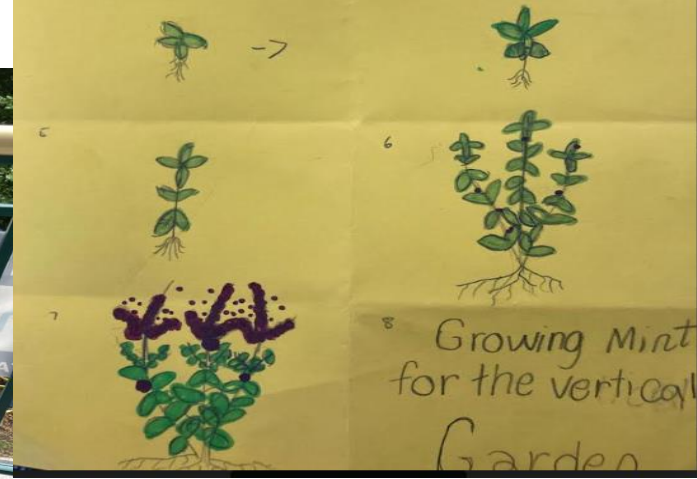

All of the Layers of the earth  
 The Layers of the Earth are the  
 core, mantle, and crust.

• Exciting Earth  
 The Earth is interesting in many ways. To start the Earth has 3 layers, The Inner Core, The Outer Core, The Mantle and The crust. The Crust is small and fragile. Also the inner core is very hot. It is 800 miles apart. So in a lot of ways Earth is interesting and amazing! ★

By: News Remo

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Ms. Francois & Ms. Myles  
Upstairs Gardening Area



# Ms. Richardson's Scientists!



How to start growing your own plants.

To start growing your plants or plants you will need

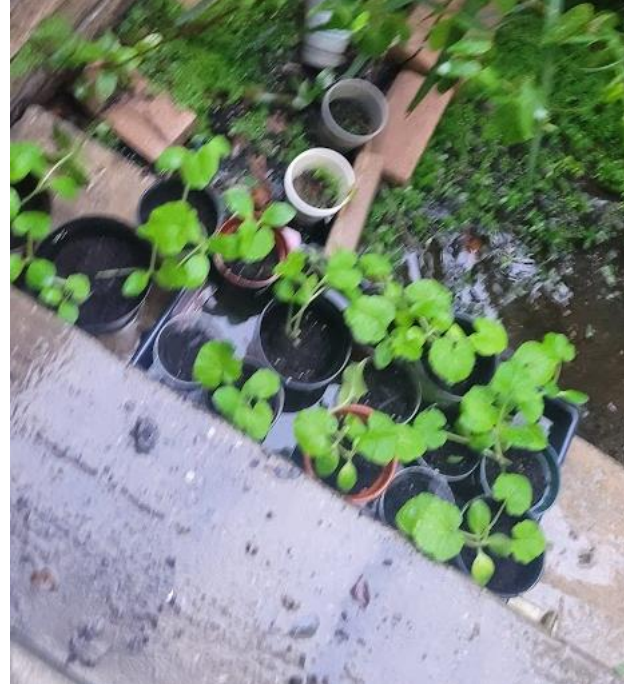
- 1 you will need parent supervision
- 2 a pot, milk carton or a bottle
- 3 Scissor
- 4 String or paper
- 5 Seeds.
- 6 Soil
- 7 marker/Pencil
- 8 Popsicle Stick

To start you will need to get a pot But Do to the wast of Bottle's we are going to use one! Cut  $\frac{1}{3}$  of the water bottle next add  $\frac{1}{2}$  a cup of soil and don't Part the Soil or else the plant will NOT air





Ms. Richardsons' Dreamers



## Plant restoration

- Mid-November 2023 a bad storm ruined our starter plants.
- 1<sup>st</sup> we had to drained the extra water from the plants.
- 2<sup>nd</sup> we needed to add more soil to give the plants back the nutrients lost.
- Lastly some plant seeds needed to be place in soil as they were washed away.

# SPECIAL THANKS TO...

- Coach Garcia, Mr. Payoutte, Ms. Lafolle, Ms. Wynn. Ms. Prevalone Mr. Jonas, Mr. Emmanuel, Ms. Williams, Ms. Marjorie, our parents ,community and Dreamers' Foundation for all their support.

