



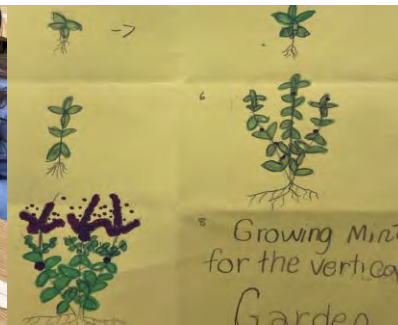
# Growing up from Scraps

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.

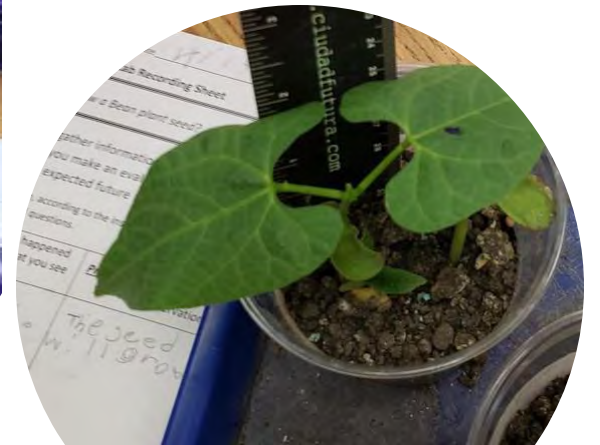


## Materials used:

- 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



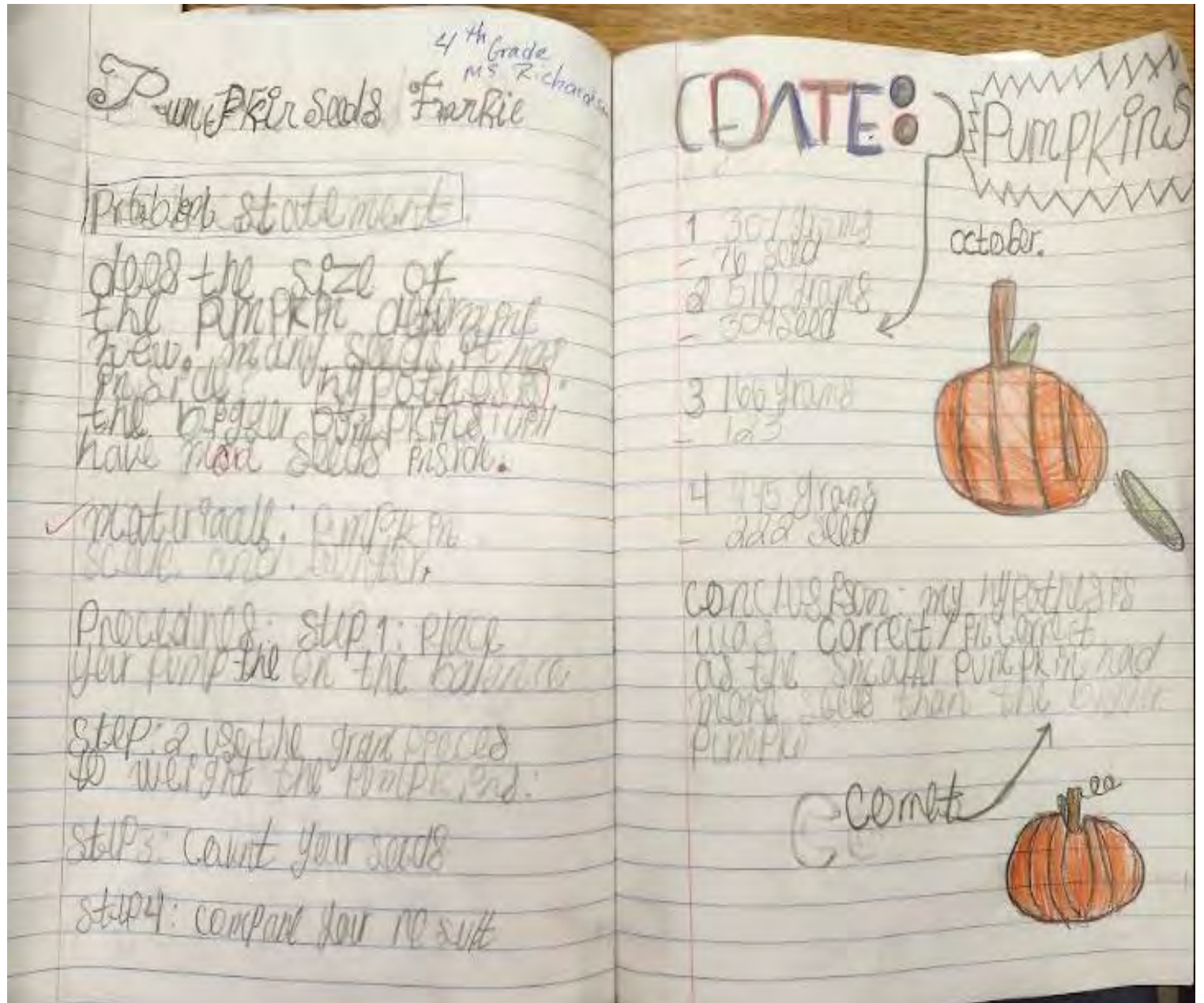


Pumpkin  
seeds  
student's  
data





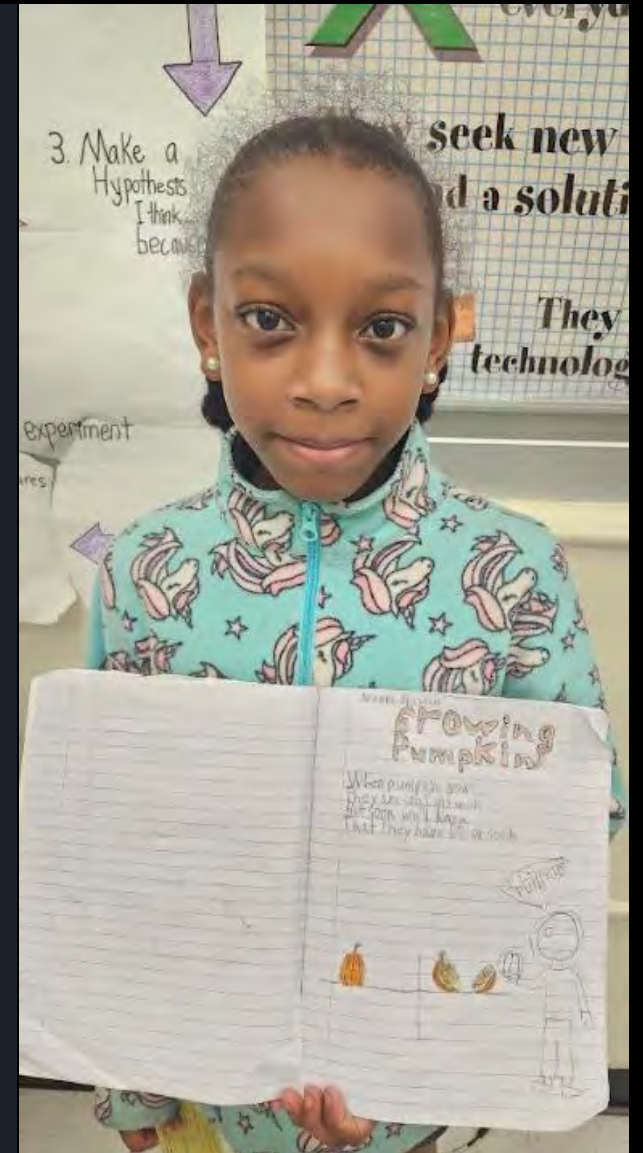
Student's Pumpkin Seed Conclusion:  
 The size of the pumpkin does not determine how many seeds are inside, as some of the smaller pumpkins had more seeds.





## 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



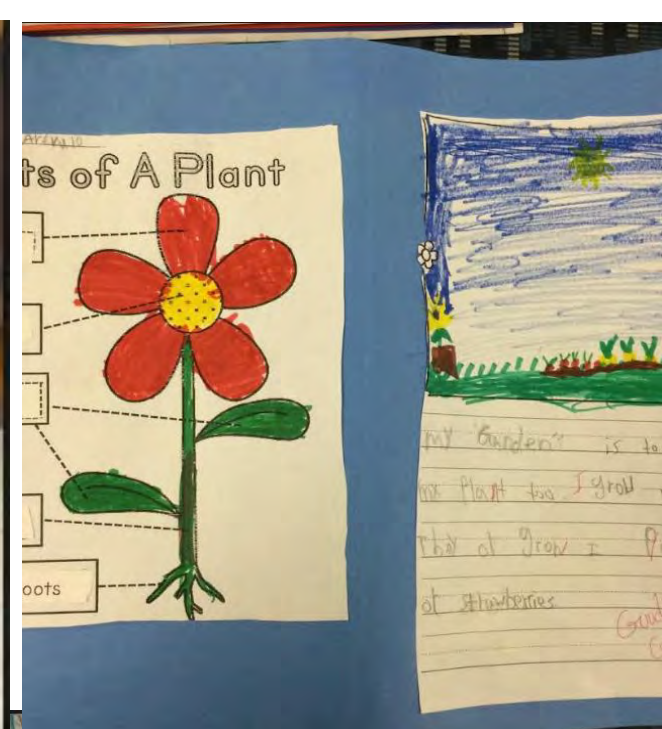


# Ms. Brice's Gardeners

- Planting carrots!







Ms. Costa's Busy Bees!



# Ms. Nguyen's Environmentalist Poets!

Name: Sequoia 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

Sequoia Pierre 2/28/24


I am a fascinating  
gigantic and  
a magnificent sight. ★

★ Watch  me brush through the air.

I am a spectacular thing

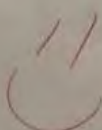
Hear  me rush through the air.

I am a amazing thing to look at


I feel  very rough but look smooth

I am a Sequoia tree.

★ Hooray! ★  
★ ★ ★



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Layers of the Earth

- core 400 miles
- mantle 800 miles
- crust 5 miles

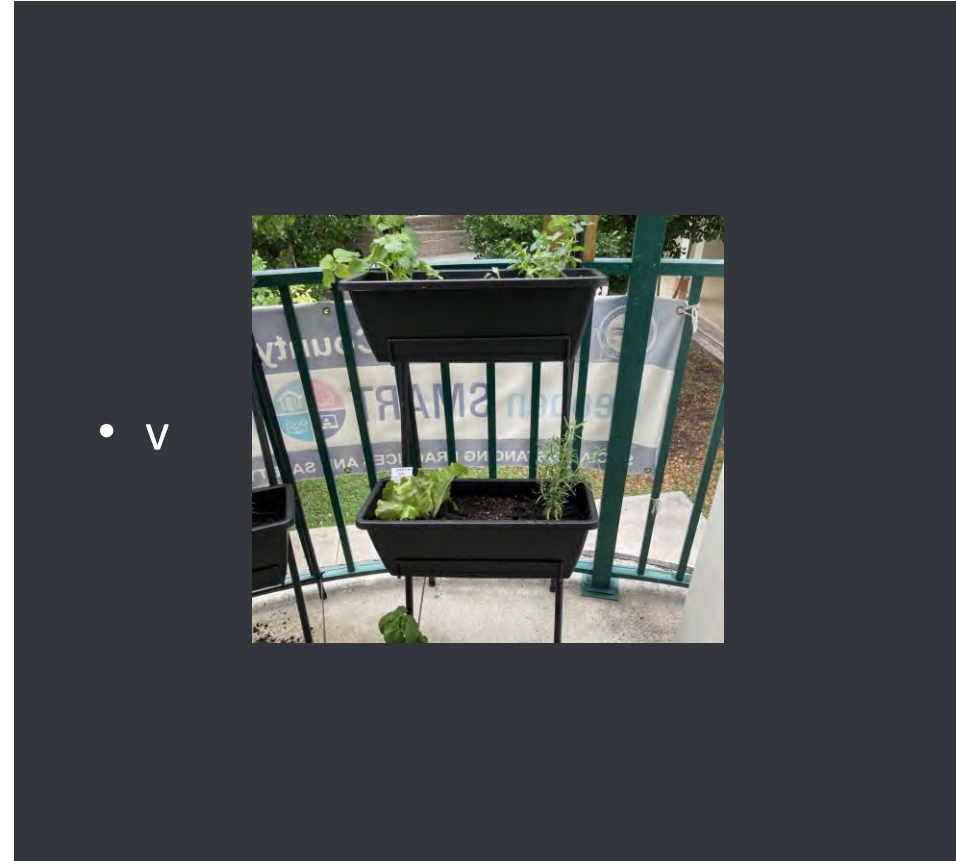
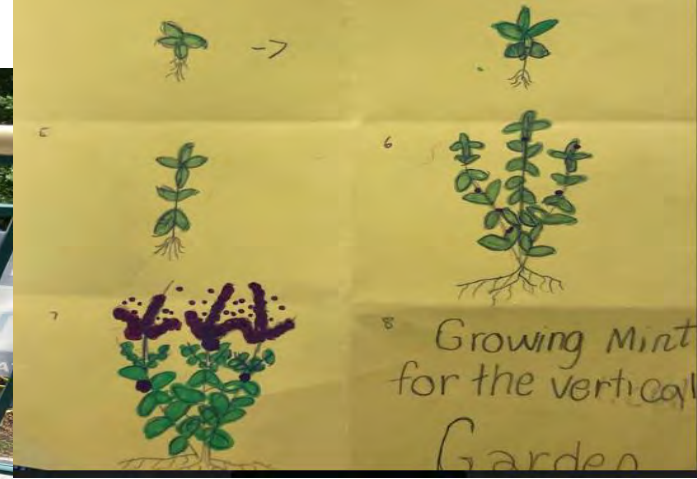
Exciting Earth

The Earth is interesting in many ways. To start the Earth has 4 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: Neva Romo



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 Staining 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

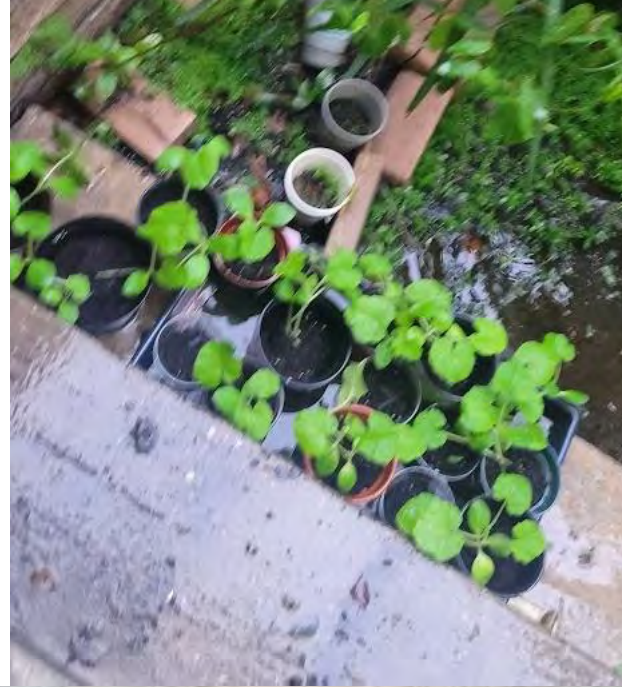






Ms. Richardsons' Dreamers





## 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.

