



# **JOURNEYS**

SUMMER EXTENSION

WEEK 3

7/22/19 - 7/26/19



## **STEAM CHALLENGE**

MS. LORELEI, MS. RACHEL

This week was very diverse for our STEAM challenges. Monday we were artists and painted, Tuesday we were scientists and we learned about chemical reactions by adding baking soda and vinegar. Wednesday we were architects and engineers and built a city from boxes! Our main structure was a skyscraper with some smaller buildings next to it. This turned into a play party with the boxes which one child referred to as "the best morning ever!"

Friday we were also engineers and made catapults out of popsicle sticks, rubber bands, and spoons.

## **AGRICULTURAL SCIENCE: CREATING A FOOD FOREST**

MR. JOSH, MS. MIKAEL

Monday- I introduced mulch, what it is, and why it is so important. We all took turns pitchforking mulch into a wheelbarrow and placing it around our plants.

Tuesday- Today we talked about the macroorganisms that help to break down the mulch and create nutrient-dense soil for the plants. We all took turns pitchforking mulch into a wheelbarrow and placing it around our plants.

Wednesday- We talked about the microorganisms that help to break down mulch and how they help to make bioavailable the essential elements that plants need to grow. We all took turns pitchforking mulch into a wheelbarrow and placing it around our plants.

Thursday- we planted 5 banana plants in the banana circle mulch pit. I taught the class that bananas are grasses/ monocots, different from trees with bark. They learned about the corm and how it stores energy for the banana to grow more 'pups'.

Friday- we worked with Mr.Kris and made bunny, chicken, and tree masks to celebrate the creation of the food forest, the bunny house, and the chicken coop!

## **RAISING CHICKENS PROJECTS**

MS. LORELEI, MS. RACHEL

We talked about chicken care and the brooder box for new chicks. Students created layout ideas for brooders that would keep new chicks safe, warm and fed. We also learned how to use the egg candler, which works like an ultrasound for an egg. After candling the eggs, we determined that most likely two of the six eggs had healthy living chicks growing inside. We are so excited to see them hatch next weekend!