

DAYTON HEIGHTS

URBAN ENVIRONMENTAL SCIENCE ACADEMY MAGNET

Volcano Pressure!

By Eileen Estrada, 5th Grade

The volcano pressure experiment was my favorite Science Lab activity in October. It was my favorite activity because it was really fun.

We had two cups of thick and thin "lava." We blew bubbles in the thick and thin lava. The thick lava was hard to blow in to and you couldn't blow too many bubbles at a time. In the thin lava, it was easier to blow lots of bubbles, and it was hard to just blow one bubble.

During this activity, I learned that thin lava belongs to shield volcanoes and thick lava belongs to cone volcanoes that explode because of the pressure that builds up in the thick lava, so the volcano looks tall and pointy like a cone. I also learned that thin lava comes out of volcanoes faster than thick lava, so it oozes down quickly to form a slope like a shield.

I look forward to doing more experiments like the Volcano pressure activity at our Friday Science Labs!



SLIME TIME!

By Scarlett Avalos and Alexa Del Rosario, 4th Grade

Last Friday at Science Lab we made slime! We made slime for a fun

Halloween project, but we also learned that it's a chemical reaction! First, we mixed $\frac{1}{4}$ cup water and $\frac{1}{2}$ teaspoon of baking soda. Next, we put $\frac{2}{3}$ cup of glue in the baking soda and water mixture. Then we put food coloring just for fun. After, we mixed all of the ingredients together. Next, we put equal parts of shaving cream to make the slime fluffy! Then, to make the slime come together, we put lens solution as a hardening ingredient. We put that in little by little with small squirts. As the slime got thicker and more rubbery, we kneaded the slime in our hands to make the slime not so sticky. After that, we played with the slime. Then, we got to keep our SLIME!

WIGGLY WORMS!

By Karla Veliz, 3rd Grade

Today at science lab we touched worms! Ms. Brodsley brought dirt! I didn't know we were going to touch worms! I was beginning to write the title of the experiment in my science journal. My partner was looking at the dirt tub and she said, "Look a worm!"

"Ew, it looks so gross!" I cried.



How to Make Fluffy Slime!

By Lorena Rico, 3rd Grade

Today we were in science lab, and we learned about how to make a gooey texture slime! We learned how to make some fluffy slime. The supplies were baking soda, water, glue, food coloring, shaving foam, and some lens solution. First, we added half a teaspoon of baking soda, and then one cup of water. We mixed those two up until the baking soda could not be seen. Then, we used one cup of glue, and two drops of food coloring. The colors were red, green, and blue. We mixed all the ingredients up until there are no more clumps of white glue. Next we took our glue cup, and then put shaving foam. We had to shake the shaving foam bottle, so it would be fluffy. Afterwards, we mixed the shaving foam until the blue was mixed all around. Finally, Ms. Brodsley gave us a squirt bottle with lens solution inside, so the goopy mess can turn into slime. We added the lens solution little by little, so we wouldn't over activate the slime. When it was almost done, we put lens solution on our hands, so at it wouldn't stick while kneaded it with our hands. Now we all had beautiful fluffy slime!

"Well, I think it's cute," my partner told me.

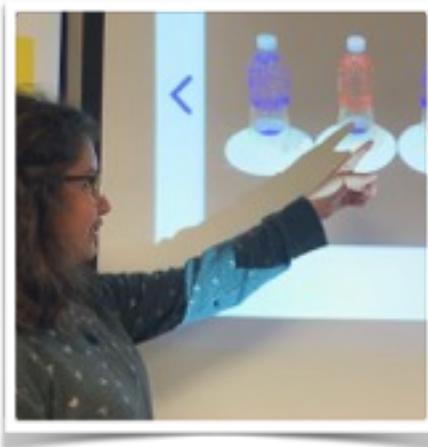
"Alright, scientist open the tub and grab a worm!" Ms. Brodsley said with a smile on her face. I asked everyone at the table if I could go first. When it was my turn, I was shaking. I got a worm and put it on its set up. We observed that they wanted to hide underneath in a dark place.

"Alright guys put them back in the dirt tub." Ms. Brodsley said. I put the worm back in the dirt tub my partner said, "Goodbye worms!" I waved bye to the worms and continued writing in my science journal. This was really weird, but I'm glad we did it!

My Favorite October Science Lab!

By: Delila Altamirano, 5th Grade

My favorite science lab activity is the Water Cycle activity otherwise known as, "Make It Rain."



First let me tell you how this activity works. In "Make It Rain" we had two warm bottles of water and two cold bottles of water to represent warm or cold sky. We also had two cups of cold water and two cups of warm water to represent the ocean. We also needed four large, clear, empty cups to model the atmosphere.

For this activity, we were in groups of four. The question

was, how does it rain and what conditions make it rain the most? To figure that out, each person in our group needed one of the clear, empty cups. Two needed the warm bottles of water and two needed the cold bottles of water. Also two teammates needed the cups with cold water and two need the cup with warm water. Then, one teammate puts the cup with cold water under the clear cup and puts the cold water bottle on top.

Next, the second teammate puts the cup with cold water under the clear cup and puts the warm bottle on top. Then, the third person puts the cup with warm water under the clear cup and



puts the cold water bottle on it. Then the last person puts the cup with warm water under the clear cup, and then puts the warm bottle of water on top. Then, you wait for at least 2 minutes and when you take the bottles off, two should have fog, which is called condensation, and one, if you tap on it, should even rain, which is called precipitation!

The reason this was my favorite activity is because I like how we learned about what makes rain. I learned this when we took off the bottles of water and tapped on all the cups. The one that did make rain was the one with the cup with warm water ocean on the bottom and the bottle with cold water sky on the top. I also learned another way to make fog, by using a warm cup of water for the ocean on the bottom and putting the bottle with warm water on the top for the sky.

Harvest Festival 2019!

By Aprylle, Josiah, and Gavin, 4th Grade

The Harvest Festival happens at our school every year on October 25th. The Harvest Festival has a haunted mansion, and every year the haunted mansion is different from the previous years to keep it a surprise. This year the haunted house had zombies.

The Harvest Festival is really fun. There are also other fun games. All games are different! Some of the games are musical chairs, and there is even a game where you can go against other kids by eating a donut on a string without using your hands, and TONS more! But to be able to play the games and enter the spooky mansion, you have to buy tickets. You can buy a wristband that holds unlimited tickets. But if you don't want to buy a wrist band, you can always buy tickets at the ticket booth! Then you get to play those games over and over again if you have enough tickets. You can also buy food or drinks too. You should really go and experience going to the Harvest Festival!



An Interview with Halloween Costume Winner, Andrea Reyes

Eileen: This is Andrea of 5th grade, winner of our 2019 Best Costume at the Halloween Parade! Eileen: What is your costume? Andrea: My costume is a mobile donut shop. Eileen: How did you come up with this

great idea? Andrea: First, I thought of making an ice cream thing, but I decided it was too simple, so I created a donut shop. Eileen: Thank you, Andrea



Haiku: Worms

By Ethan Reyes

Worms fertilize dirt
Thin worms wiggle in soil.
Slim worms like the dirt

TreePeople Trip Devastated by Fires!

By Joseph Vasquez and Victor Sanchez, 5th Grade

On October 11th, we got to school and we were informed that the field trip to the TreePeople was canceled. We all were bummed. We brought snacks for the bus, and we were so excited to go on this trip, so when we heard that it was cancelled because of a fire, we were disappointed. Then we found out they were coming to us after recess. We still weren't happy because we all wanted to go on the bus.

The lady from the tree people came as a green haired lady. She said that she was a dirt doctor. She taught us how to make tree medicine. The ingredients were dry sticks, healthy and bad leaves, bark, and water. Then another lady came with a treasure chest. She told us about how to reduce, reuse, recycle. Next, a man named Cesar came and gave us our seeds and we planted them in little tubes with dirt.

Finally, we said goodbye to all of them and we went back to work. The TreePeople activities were fun! Hopefully no fires will get in our way of going to them next year.



CONGRATULATIONS TO OUR MULTIPLICATION MASTERS!

Justin Duran, Rudy Avila, Lorena Rico

