Anthropology students place sand over a grid slowly to collect treasures in the sand.

Down to Dig

Students excavating the sand in the first out of the three layers.

Students remove layers of sand, by the spoonful, to reveal hidden treasures buried below the surface.

q What was it like to do the hands-on dig in anthropology?

a "The dig was really fun. It was an enriching experience for what it's actually like in archeology."

3

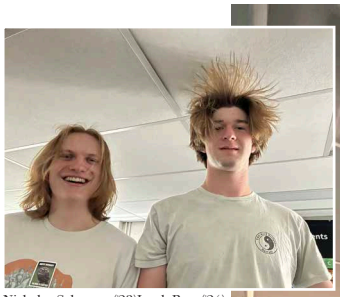
vertical layers that the sand was split into during the anthropology dig!

"In order to decrease the likelihood of having an error, we split the sand into three vertical layers. This allowed us to slowly remove the sand without entering the other layer which could mess up the evidence in the layer we cut into."Drew Jeffrey ('23)

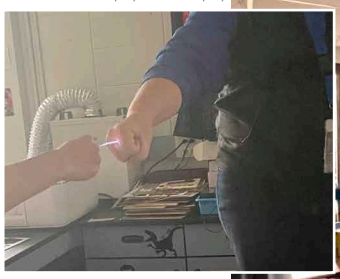
Up and Atom

Static Electricity

Physics class was exploring electrostatics. The classic hair going crazy from the metal ball, which is called a Van de Graaff, that is full of electrons which are released when touched. Classes came together in a circle, held hands, then touched whoever was in contact with the ball. This sent electroshocks through everyone regardless of how many people were there, as long as everyone was touching, to allow the flow of electrons through. Thoughts on the experience was, "It was cool to see the shock and feel it." Others found it such an interesting experience. **Veronica Bellorin** ('23) said, "It was super cool because I had always seen it on TV. I was super scared at first to touch it, yet I am so glad I did it." Some were very nervous to touch it while others were excited to be a part of it. "Getting electrocuted hurt a little bit; it was fun, especially when my hair was standing up," said **Nicholas Schwartz** ('23). "It was really cool when we were holding hands and we all got shocked," said **Kayla Rich** ('23).



Nicholas Schwartz ('23)Jacob Rotz ('24)

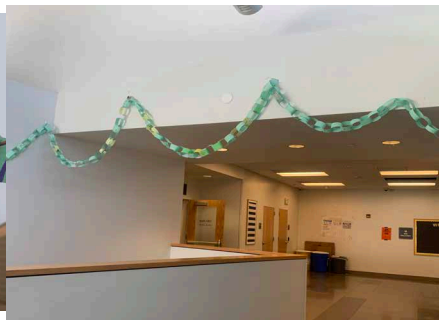


Glowing Bacteria like a Jellyfish

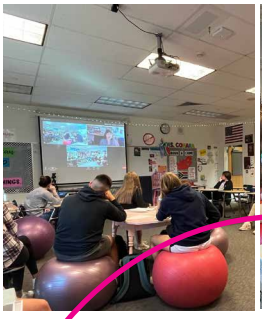
End result: Making bacteria glow. Precise steps needed to be followed for it to happen.

There were multiple petri dishes, each containing a different constraint.

Many thoughts about this lab. "I thought it was a really cool lab even though only a few of them worked out," said **Nora Bruxvoort** (**'23**). **Sophie Christopher** (**'23**) said, "It was a great learning opportunity because it was hands on." This lab was very precise in which a small error could lead to it not glowing like a jellyfish. This gene allows it to be a fluorescent green."

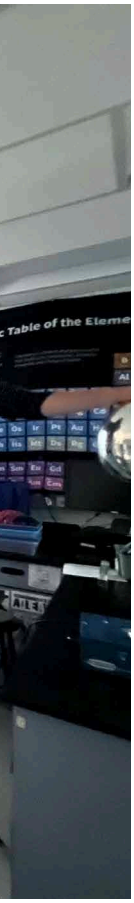


"Our chain is a visual representation of the amazing and kind students here at Broomfield High School."
-Mrs. Nitchoff



Ask me anything

Erika Krouse, who wrote a memoir about investigating the sexual assault allegations against the CU football team called "Tell me Everything," came to talk to these students in the SLCC classes on a Zoom call to talk about her memoir. They got to personally ask her questions about her writing.



EN FUEGO

Students in the chemistry lab burned and observed different elements in the Periodic Table to see the color of the flame. They also looked under the microscope to discern the differences between iconic bonds and covalent bonds. **Catherine Ahlmann** (**'25**) said, "I enjoyed the whole process, but my favorite part was using the Bunsen Burner and lighting things up because I really enjoy fire. It was really fun."

IN Depth

She was so sweet, funny, and she went deep into detail with everything. I thought it was super cool how she said it wasn't easy to write, but she pushed through.
-Naomi De Simone ('23)