

Wednesday, June 12, 2024

Activities:

- Get to know each other
 - The students played a fun game where they had to say where they were from and a fun fact about themselves. From there, we made our groups that we were to stay in for the rest of the week.
- Marshmallow Challenge
 - This challenge was trying to build the tallest and most stable structure using one yard of tape and yarn as well as many spaghetti sticks. At the end, the students had to balance a marshmallow at the top to see if their building was able to support it.
- Makey Makey
 - Makey Makey is a creation kit where you use everyday items as the computer interface. The students interacted with it creating a soccer game, a piano, and drums.

Thursday, June 13, 2024

Activities:

- Snap Circuits
 - Snap Circuits are an electronic kit that allows the students to explore the foundations of engineering and electrical concepts. The students created many circuits like a speaker, a blinker, and a fan.
- DNA Introduction (Generation Genius)
 - Students watched a video from *Generation Genius* which was about DNA.
- Making and Modeling Polymers
 - Students used polymers to create a slime that bounced.
- Extracting DNA from strawberries
 - Students learned how to extract DNA from strawberries using a DNA extraction kit.

Friday, June 14, 2024

Activities:

- Instant Snow
 - Students learned how to make instant snow from sodium polyacrylate.
- Making slime using Elmer's Glue and Borax.
 - Students learned how to make slime from Elmer's Glue and Borax. They examined how to make the slime stickier and stretchier.