

Mandala School Newsletter

Volume XIV Issue XV

January 14, 2022

Reminder: No school Monday, January 17th,
in recognition of Martin Luther King Jr. Day

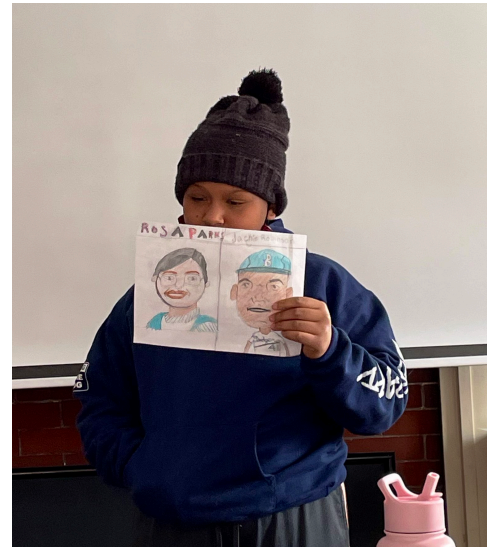


The H.L. Hunley

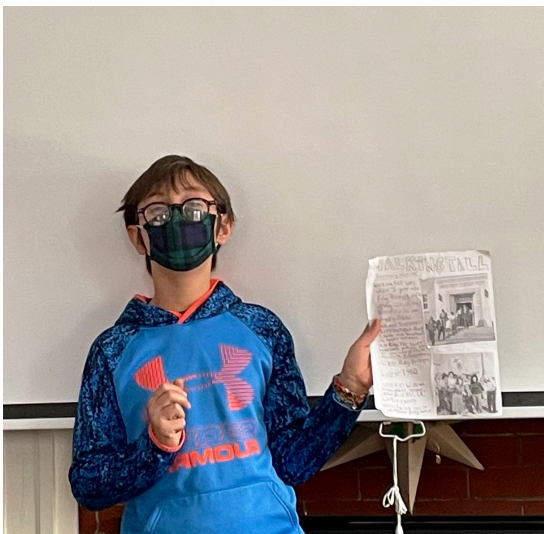
The H.L. Hunley was a submarine. On February 17, 1864, it quietly went out of the harbor and bombed the USS *Housatonic*, which was a boat. Minutes later the H.L. Hunley mysteriously sank, killing all the crew members. This made it the first successful combat submarine in world history. It sank in the Charleston Harbor off the coast of South Carolina. The scientists found it in 1995 and are still trying to figure out why it sank. by Elena

Pearl Harbor by Kyle and Graham

The USS Nevada and many other ships were bombed by the Japanese during World War II. It happened December 7, 1941. It happened in Hawaii. Pearl Harbor was a launch attack on the United States from the Japanese.



Omi presenting her project on
Rosa Parks & Jackie Robinson



Ruby Bridges was six years old when she entered the all-white William Frantz public school. The school was surrounded by white protesters that had certain beliefs that it was an all white world and the blacks were nothing in it. As a result she help pave the way for some of the Civil Rights Movement. Segregation was wrong. Considering that the black community during the 1960s were religious, Ruby Bridges said, *I would pray for the white protestors everyday.* By Zachary (left)

Snowy Landscapes

By Katie & Sachin

In art we are creating a snowy landscape. To create the snowy effect you could make tracks or make an occasional patch of grass poking out of the snow. You could also use lumps and shadows. Katie is using paint on hers. She made a couple trees with a horizon to illuminate the sky to make her snowy landscape and Sachin used ink to make a tree and a few clouds.



"I'm doing a sunset. I'm using lots of light colors. It is very fun to mix them and make a sunset."
-Katelyn



In art class we made snow pictures. We painted two pieces of paper and sprinkled salt on them. We painted with blue then sprinkled salt on it, then we waited a day. We got the salt off and there was a design and then we drew the picture and Ms. Jeannet cut it out so that it could be a wonderland. Next time we will glue the cut piece of paper onto the blue and then we will have a blue and white winter wonderland!

By Aurora and Flora
Flora's work is below



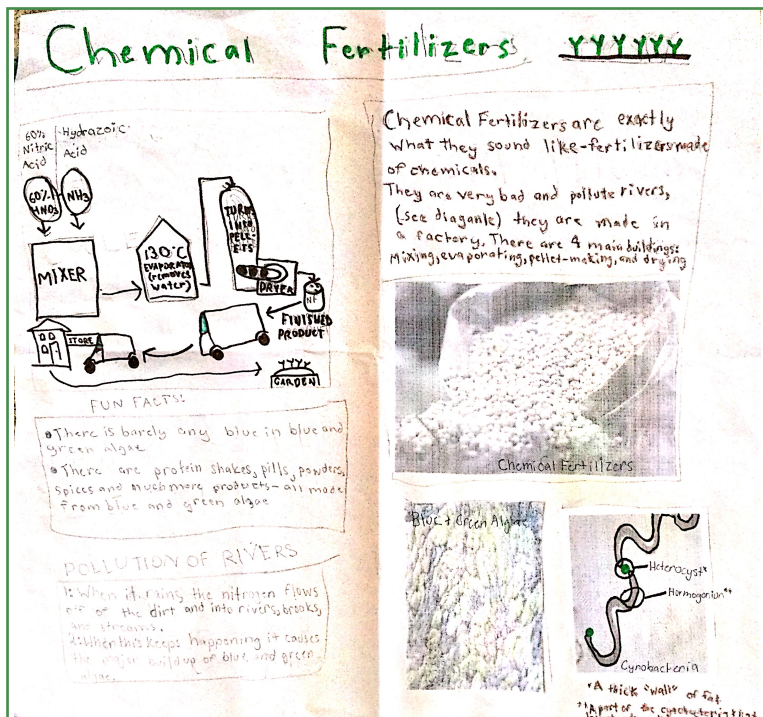
Student of the Week: Nolan

Nolan is an intelligent, energetic, opinionated (not in a bad way), 11-year-old boy. He's a seasoned veteran at Mandala, this marks his fifth year here. He enjoys SunChips, hot chocolate, and extreme cheddar (Flavor Blasted) Goldfish.

"My favorite subjects are history and productivity. I am addicted to the Chromebooks," he says because, "all the knowledge and power in one device". Although he spends a lot of time on the computer, he is often learning about rare historical events, countries that most people have never heard of, or the current state of the stock market. Nolan's biggest accomplishment was getting 2nd place in New York State in the Stock Market Game.

If Nolan could travel anywhere he would go to Florence, Italy. If he had one wish he'd wish for infinite wishes. Nolan Has a cat named mimi and a Dog named ruby. His absolute favorite planet is Jupiter. If Nolan could plant any tree in his backyard he would plant oak tree.





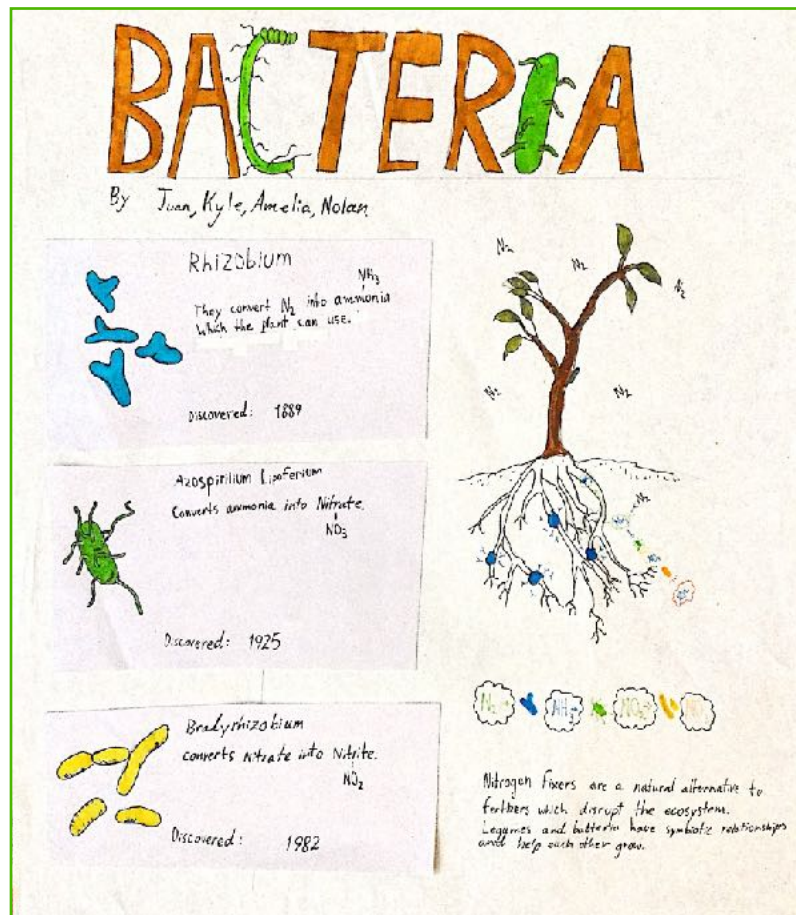
Nitrogen Cycle by Elena & Juan

This week in chemistry, we have been studying in detail the occurrences within the Nitrogen Cycle. Each group has been assigned a particular aspect to study, make a poster and finally present.

Nitrogen is an element which makes up around 80% of our atmosphere and is imperative for the survival of living organisms. It helps generate amino acids in order to produce proteins.

There are large quantities of nitrogen within our air, but this form of nitrogen, N_2 , is useless to plants and animals. That is where nitrogen fixers come in, a cornucopia of bacteria which convert atmospheric nitrogen into forms of nitrogen useful to organisms. The process begins with rhizobium, who turn N_2 into NH_3 commonly known as ammonia. These rhizobium bacteria make themselves at home inside nodules in the roots of nitrogen fixing plants. Ammonia is useful to plants, who take it in. However, the cycle does not end here. Ammonia is taken up by Azospirillum Lipoferium, and converted into Nitrite, NO_2 which can then be converted into Nitrate by Bradyrhizobium.

When a plant dies, its nutrients and nitrogen are dispersed into the soil, creating a rich habitat for later generation of crops to grow.



In math, Millie, Starlight, and their other classmates are learning about graphs. Today, they were given 20 m&ms and they had to graph the numbers of each color. Blue was the most common color and red was the least common.

Clase de español
Por Millie y Frankie

Hola - Hello

Gato - cat

Agua - water

Rojo-red

Blanco - white

Azul - blue

Perro - dog

Gato blanca-white cat

Mi hermano es Zachary. (My
brother is Zachary)

Adios, amigos - Good bye friends!

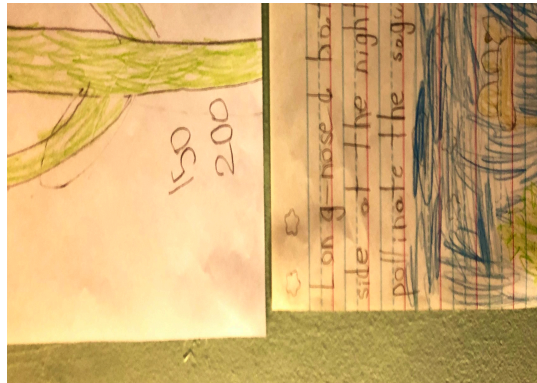
Deserts

By Bryce and Georgie

The youngest group has been studying the desert. Deserts are places where there is very little precipitation. Some deserts are in Mexico, Arizona, Asia, Africa, Australia, and Antarctica. Camels live in the desert. They have good eyesight. They store fat in their humps to keep cool. They have some fur on their feet so their hooves don't get too hot on the sand. Their hooves spread out so they don't sink into the sand. Some of them can go a week without water. Some snakes live in the desert too, like rattlesnakes. Scorpions live there too. There are huge cacti there called Saguaro cactus. You can eat cactus.



Graham, Zachary, and Starlight working together



Martin Luther King Jr. was an activist protesting for black rights and anti-segregation. Segregation was when the black people had worse things than the whites who had better things than the blacks.



"He kept goin' even when people didn't like him, he just kept on goin'." - Starlight

He married a writer named Coretta Scott King. Then he had four children; Martin Luther King III, Yolanda King, Bernice King, and Dexter King.

When he was 39 he was shot in a hotel in Memphis, Tennessee.

BORN: January 15th, 1929

DIED: April 4th, 1968

MOST FAMOUS SPEECH: 'I have a dream'

KILLED BY: James Earl Ray

LIVED IN: Atlanta, Chicago, Montgomery, and Pennsylvania.