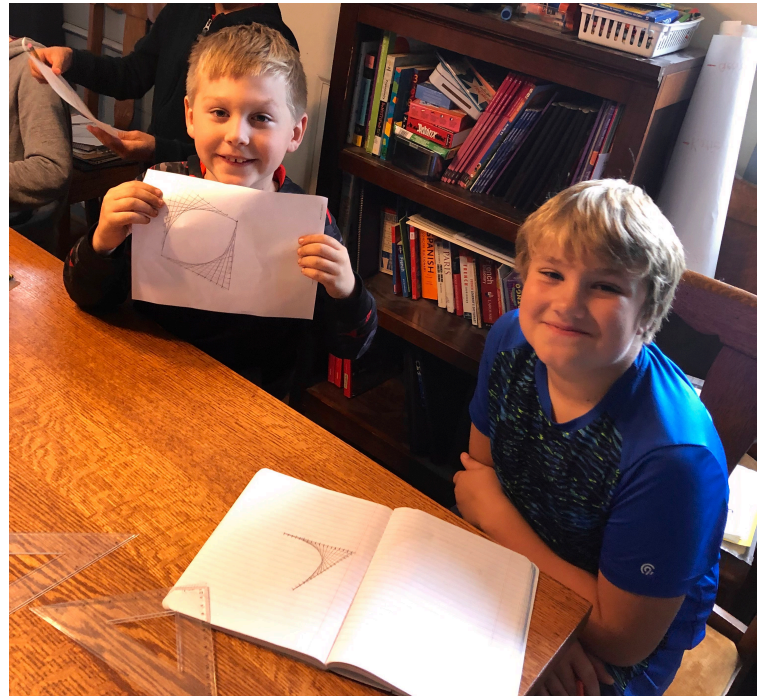




Mandala School Newsletter

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First I drew two lines to make an acute angle. I drew dots on the lines by using a ruler thing. And then I connected the dots using lines. Connect the top to the bottom. Even though all the lines are straight it looks curved.
By Kyle



The youngest group have been learning about spiders!

Spiders are found all over the world but not in Antarctica. Banded garden spiders can lay up to 900 - 5,200 eggs! These spiders are very cute and harmless. They start working in the spring and eat 1-2 times a week. By Millie

A black widow will eat the husband after laying eggs. This spider has venom that will paralyze its prey so it can't move. A black widow's very first meal is one of its siblings. All spiders have an exoskeleton, abdomen, and legs. By Frankie & Inti

Tarantula. To scare off predators they will lift their front legs to show their fangs. Female tarantulas can live up to 20 years old. A tarantula can eat lizards, snakes and birds. By Georgie



Student of the Week: Sia

We like to be around Sia. Sia likes horses. She has different jobs because she lives on a farm. She has to feed the pigs and help collect eggs. She has cows, pigs, some meat birds, and turkeys. She says having a farm is a lot of work.

When Sia grows up she wants to be a horse farmer. She'd love to be in competitions and teach kids how to ride. She doesn't know how to ride yet but she is going to learn.

In her free time, she loves to visit her neighbor's horses, read, and play with her horse toys in the basement. Her favorite series is *Canterwood Crest*.

Writing and productivity are her two favorite classes at Mandala. She likes writing fiction stories.

Obviously, horses are her favorite animals, but she also likes cats, dogs, hamsters, wholly bears, and cheetah cubs.

The place Sia dreams of going is Pheonix, Arizona.

When asked, "What do you like most about yourself?" Sia says she is pretty good with little kids and animals.

Interview by Ms. Kelsey, Mira, & Sachin



Music Class

In music class we are learning how to play the recorder and we are learning about Hector Berlioz. He is a French composer born in 1803. We learned a little bit about his wife. Hector Berlioz wrote his music for her.

Today we went to see *Symphonie Fantastique* performed by the Buffalo Philharmonic Orchestra at Kleinhan's Music Hall. It was a lovely show!

By Sia

Left: Will making French Toast for breakfast



Niagara Falls trip

Last Monday we went to Whirlpool State Park and walked over the plateau on a trail. The first half of the trail was made of stone stairs that went down the plateau. Once we finished the stairs we ate snacks. The little kids went back to the top and played on the playground. Everyone else went to the whirlpool. It was so beautiful. Ms. Leah told me how the whirlpool formed. The water comes from Niagara Falls and flows down the Niagara river. The river used to flow over more towards Canada now the river flows right in between Canada and New York but the current still flows in the old channels direction and the new channels direction and when they mix together it makes the whirlpool effect. It was breathtaking, it was so peaceful and calming. Overall it was a really fun trip. By Ella

Earth Science perspective by Nolan

At the top of the plateau Dr. John used an app on his phone to find out how much we were above sea level and did the same at the bottom. While sitting on the bottom, we measured the angle to the top of the cliff at 20° .

Using all the numbers we collected and trigonometry, we found out how wide the Niagara River is, about 824 feet.

Top 590 ft $\tan x = \frac{a}{b}$

Bottom 290 ft a

Difference 300 ft (opposite) $a = \frac{300}{\tan(20)}$

$a = 824$ ft