

Mandala School Newsletter

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Math: We are making our own models for the trading game to make it a bit different. For my game you roll a dice and whatever you roll, you square the number. That tells you the number of red blocks to take. You can trade 5 reds for 1 yellow, 5 yellows for 1 green, 5 greens for 1 blue, 5 blues for 1 orange, and 5 oranges for 1 white. Three whites and you win. There are quicker ways to play. For example if you roll a 6, instead of counting 36 reds you can get 1 green (25), 2 yellows (10), and 1 red (1). By Finn

Reminders & Announcements:

1. We leave for Camp Allegany this Monday, October 3rd. If your child/children are driving with a teacher or carpooling, please arrive at Mandala BEFORE 8:30 A.M. We will head to Rock City first.
2. There is no school Friday, October 7th & Monday, October 10th in recognition of Indigenous Peoples' Day/Columbus Day.
3. Active Club will start Wednesday, October 12th. Pick up at Warren Park on Warren Drive at 3:30 P.M.

We are studying trigonometry which is the math of triangles. We are learning about slope which is the ratio of rise to run. We can use the slope to find the angle a line makes with the horizontal.

We use the "2nd tan" button on the calculator to change the slope ratio into degrees. Every slope ratio is connected to a certain angle.



For my New York project, I studied Albany, which is the capital of New York. There is a Mohawk and Hudson river and where they collide, that's where Albany is. The rivers run between the Catskill and Adirondack Mountains. Albany used to be called Kingston but the British burned it down. Henry Hudson was from England and he was sent by the Dutch to find a passageway through North America. He found the Hudson River, which wasn't called the Hudson river back then. He got to Albany. The Dutch set up Fort Orange and traded goods and fur there. Hudson's crew eventually put him in a small boat with his son and seven others and they were cast away. After that, they never heard from him again. They thought he was hoarding food. - Written by Mira



**Omi & Mira
hold up
their
finished
self
portraits**



Ms. Erin performing on the flute during Morning Meeting