

Mandala School Newsletter

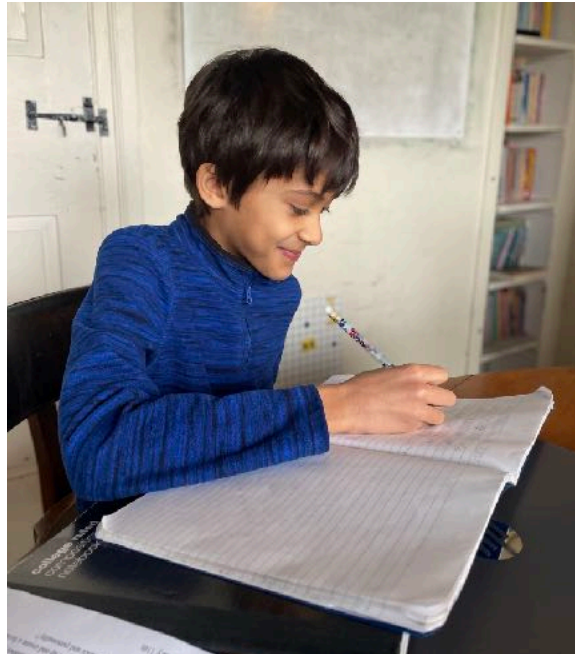
January 6, 2023

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This week we started a school-wide unit on mythology! Some are from Egypt, Greece, South America, and more.

A myth is a story to describe things people may not understand. Sometimes they teach a lesson too. The middle group is doing a project where we have to pick an area of the world and find myths from that area. I am doing Egypt and Mesopotamia. We are making a map, reading 4 myths, and making a myth up ourselves to describe something in the modern world. By Katie



happy
new
year!

Now Enrolling for the 2023-2024 School Year!

Contact us if you're interested in learning more or spending a day with us

Announcements:

- Tuesday, January 10th field trip to EA rink Bring your own skates or \$4. for rentals
- Yoga classes resume Monday, 2:30-3:30
- No School Monday, January 16th Martin Luther King Jr. Day



Student of the Week: Aurora

Aurora is in second grade. Aurora likes to read, paint, sing, dance, and playing with sister.

Aurora learned to read during kindergarten or first grade. She likes to read but does not know why and she enjoys reading. Her favorite genre is Mystery.

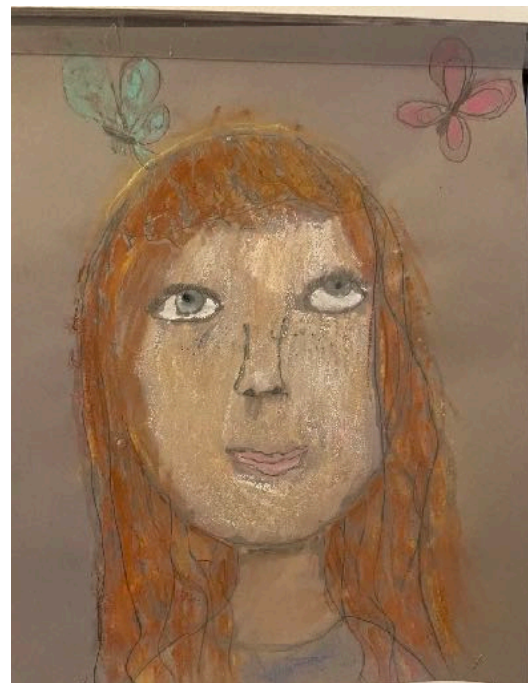
When she grows up, she wants to be either a teacher, baker, or author and illustrator. She wants to be a teacher because she got inspired when she taught her sister. She wants to stay in East Aurora as she grows up. She thinks affection from others is one of the best ways to be happy. She loves Myths and Legends.

Her favorite book is the "Whatever After" series. Her favorite movie: Frozen 2.

She likes to play runaway baby. In this game there has to be three babies and there's a mom, a dad, and a babysitter. The mom and dad go out for the night and the babysitter cannot cook, so she keeps burning the food; she burned it so much the babies get out and the babies run outside, naked, screaming, "Can't catch me!" Then the babysitter runs to the room and then sees three naked babies dancing. Then the babysitter calls the parents who are just finishing up their food. The babysitter starts yelling, "Baby alert!" So if you get caught as a baby you are a babysitter or parent and if you get to the crib in time you become a baby again.

She lives with her parents, sister and a cat and a dog. Aurora's dad loves to cuddle and tickle her. Her mom likes to cuddle and she is amazing at cooking. Aurora likes to bake with her. Her role model is her parents.

Her sister is a messy eater. And will bang on the door all night because she learned how to get out of her bed. Another student, Kyle (grade 4), thinks she is funny, smart, tall, and thinks she has a great personality.



Aurora's self portrait

When I read *The Last Question* it made me think about how right they are that the sun may not last much longer because of us. The same goes for the Earth. The guy who wrote this had a pretty good idea of what the future will be. I *don't* believe computers *will* run human civilization. They already are running human civilizations.

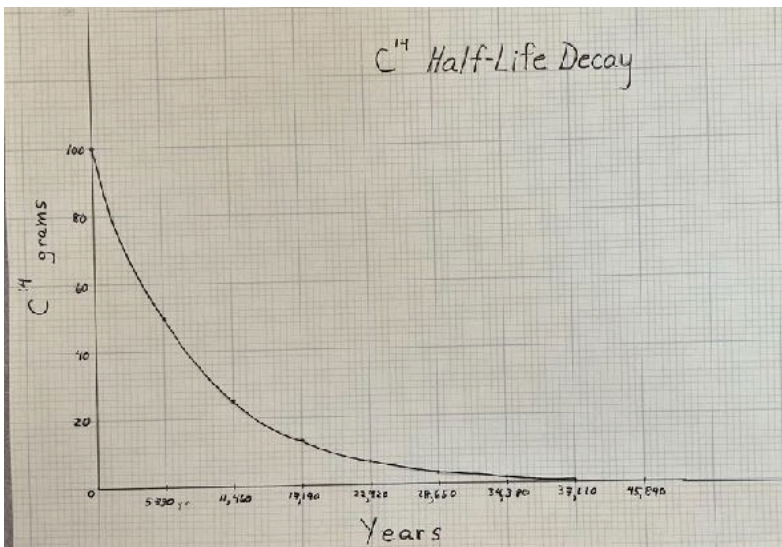
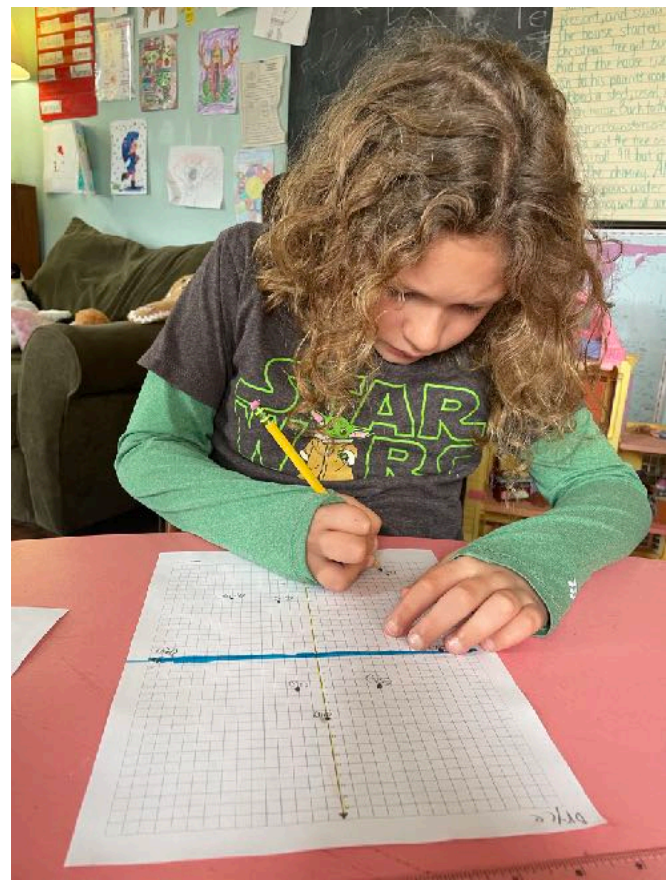


Happy girls at rec

Earth Science

By Ria D

In Earth Science we started a new unit on Minerals. Elements make up minerals, and minerals make up rocks. The same element can make different minerals based off of its crystal structure. For example, Carbon makes graphite if it is arranged in sheets, but diamonds if it's arranged in a tight tetrahedron. Minerals that are made up of only one element are called Native Minerals. Graphite and Diamonds are good examples of Native Minerals because they are both made up of only Carbon. Minerals that are made up of two or more elements are called Compound Minerals.



We are studying exponential relationships. We graphed the half-life of Carbon-14 which is used to date things up to about 45,000 years ago. You can see that it makes a curve.

We used another exponential equation, $s = \frac{1}{2}gt^2$, to find how far something drops. s is distance in meters, g is the gravitational force, and t is time in seconds. We used 10 for g instead of 9.8 because we could do the math in our heads.

We did the differences between the s -numbers then did the differences of the differences and got 10. Nolan wondered if 10 was the gravitational force because it was close to 9.8. We redid the calculations using 9.8 then did the differences of the differences. Nolan was right!

That means when you have an exponential relationship to the second power, the differences of the differences equals the acceleration. Acceleration is the rate of change of the previous column of differences. It's also the changing slope of the curve. Welcome to calculus!

In math we worked on this paper that had two warm ups. The first one was a time word problem and the second one was a subtraction problem with money. Then we worked on graphing. There were 14 coordinates you needed to graph. And then we had to circle the coordinates that made a vertical line in purple and circle the points that made horizontal lines in green. Then we had to figure out how many points were in each quadrant. If the first number in the coordinate is the same it will make a vertical line, for example the coordinates (0,9) and (0,15) make a vertical line. *Written by Graham*
Bryce is working on his graph above