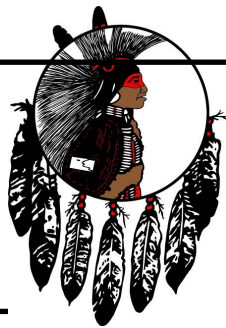


In this issue:

5th, 6th,
7th, & 8th
Grade



Owotaṅnaya
Yutokca pi/po!
Make a Difference

Toka Nuwan Wayawa Tipi - Enemy Swim Day School

Monday, January 30th, 2022

www.esds.us

Volume 2022-23 Issue No. 9

Mrs. Cook's 5th Grade Class



Fifth Grade is doing great! They were the stars of the Christmas play and did a fantastic job. We all had a good time. We have class shirts now and will have some opportunities to wear them together coming up.

In **Math** we are beginning our discovery of all things fraction. By the time we are done we will have learned to add, subtract, multiply, and divide fractions and mixed numbers. We are also learning about mean, median, mode, and range.

In **Reading** our focus is still on informational text. We are beginning a unit with the theme of inventions. It is interesting, and we read some interesting books. We are continuing our book studies. We have found some books everyone enjoys, and we are enjoying them.

5th Grade

In **Social Studies** we are talking about European exploration. That will lead us into the formation of the colonies.

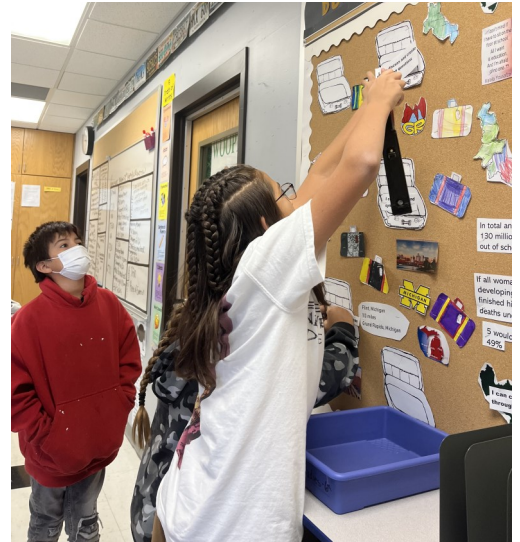
In **Science**, they are beginning their small group science fair projects. It is a daunting task, but they have chosen some interesting projects. The projects will be displayed during Academic Night in February.



Middle School ELA Enemy Swim Day School January 2022

6th Grade ELA

In 6th Grade ELA, we have been reading *Bud, Not Buddy*. This historical fiction walks students through the story of a young boy named Bud who has grown up in the foster care system. One day he runs away and decided to walk 120 miles from Flint to Grand Rapids, Michigan to try and find a man he believes could be his father. On the way he teaches lessons to students. Will he make the walk to Grand Rapids and meet his Dad? Ask your student to learn more!



7th Grade ELA

In 7th Grade ELA we have been reading *I am Malala*. This true story walks students through the true story of Malala Yousafzai, a young girl growing up in the Swat Valley in Pakistan where women have many losses in privileges and have to fight to go to school. Along the way Malala shares bravery and an authentic way of looking at a life of hardships.



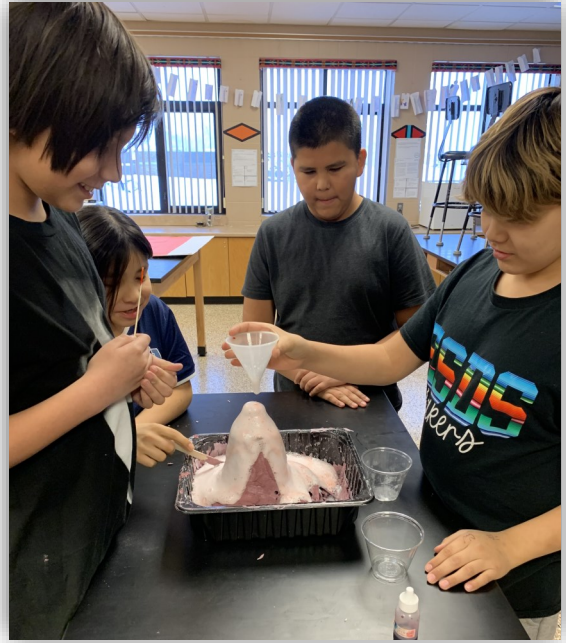
8th Grade ELA

In 8th Grade we are reading the book *Navajos Wear Nikes*. This true story walks characters through life on the Navajo reservation in the eyes of a young non-native boy named Jimmy. Along the way students have made connections to the story, one even saying “when did this book become my life story!” The book has helped students learn new things about the world around them and also feel as though they are not alone.



Middle School Science

5th Grade- As we ended the 2nd Quarter, the 5th Graders learned a lot about the energy and matter in the ecosystem. They understand how the energy flows in the ecosystem through learning about the food chain, food web, and energy pyramid. They made different projects showing the relationships of different organisms in the ecosystem. As we approach the 3rd Quarter, we will be focusing on the other area of Science which is Earth and Space. We will be dealing with gravity, the systems formed in space, constellations, and other things about space.

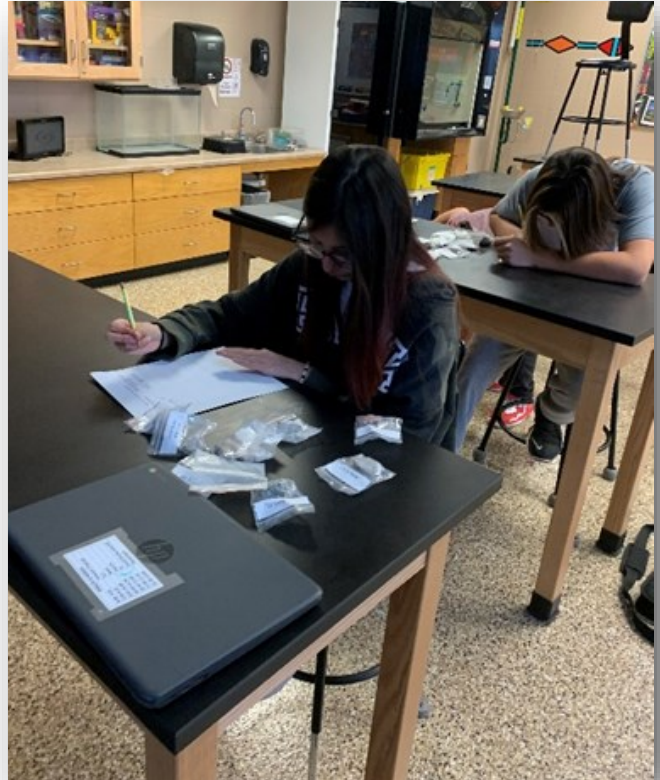


6th Grade- In the beginning of the 2nd Quarter, the 6th Graders learned about forces and motion. They learned the concept of force, its type, and the application of it. We also got the chance to play tug-of-war as one application of Newton's Law of Motion. As we ended the 2nd Quarter, we are finishing up our lesson on magnetic and electric forces. And we will be starting the 3rd Quarter on waves and their applications.

7th Grade- The 7th Graders learned about reproduction, heredity, and growth the 2nd Quarter. They are very interested in the topic about heredity and how the traits are being passed on from parents to the children. They also understand how animals and plants reproduce their own kind. Most of the lessons we had in 2nd Quarter are quite interesting, that's why the students are all so engaged in the classroom. A lot of ideas and questions are coming from the class. As we move forward in the 3rd Quarter, we will be discussing the diversity of living things.



Middle School Science



8th Grade- The 8th Graders learned about the Earth's composition this 2nd Quarter. They understand how the Earth changes over time through several factors. They also explored the different types of rock that make up the Earth through doing a hands-on activity that told them the difference between the types of rocks. As we go along to the 3rd quarter we will be studying the Age of the Earth through geologic time and looking back to the history of the Earth.



The 8th graders are exploring the types of rocks and sorting them based on their characteristics.





MS Social Studies News

6th Grade World History

The 6th Graders have been working hard to finish up their unit on Ancient Egypt and the Middle East. We have been discussing the social pyramid, and how each level worked and affected society.

While we were working on the Ancient Egypt unit, the students were also writing an essay for a competition through the Elks Lodge in Watertown. The theme of the essay was what is your American Dream. We brainstormed what exactly is an American Dream, and what does it look like to each of us. The 6th graders went above and beyond when it came to this lesson. No two dreams were alike, some dreamed of being a professional athlete, while others dreamed of equality for all.

Now that we are done with the essay, and wrapping up Ancient Egypt, our next focal point will be Ancient Asia. Our essential question for this unit is how can people make a change for the better.



Above- Elijah Barse working on one of his assignments.

7th Grade Geography

7th Grade ended their first semester learning about North America. We discussed settlement patterns across Canada and the United States, along with what is urban sprawl and how it affects people. To wrap up the unit, we discussed National Parks and how saving them is beneficial to preserving our country.

To start the new semester, we have started a new unit on Latin America. So far, we have talked about the spatial inequality in Mexico City, and extreme weather that affects the area. To finish out the unit, we are going to discuss the land use conflict occurring in the Amazon Rainforest.

In addition to our geography lessons, the 7th grade is also starting a nationwide stock market game. This will run from now until the beginning of May. In groups, the students will have a theoretical 100,000 to invest in different ways. The goal of this activity is to teach the students money management and how to get the most out of their investments.



Right- Todd Keoke, Niya Eastman, and Sage Redday working together on a group review

8th Grade Dakota Studies

The unit we are in is Traditional Games and Story Telling. I tell traditional Dakota stories and we discuss the moral of each story. How the Herring Turned Grey, The Ghost Lovers, The Bear and the Badger, How Fawn Got Its Spots and other stories that are connected to the day.

We then play Hand Games, a traditional game of chance. No wagers are made but we have watched videos on other Tribes styles and I have taught them Intertribal and Lakota Style. They are mastering the game and are becoming very good players.

We are also playing Kahoot games about Dakota Culture. The students excel at Kahoot and are really engaged.



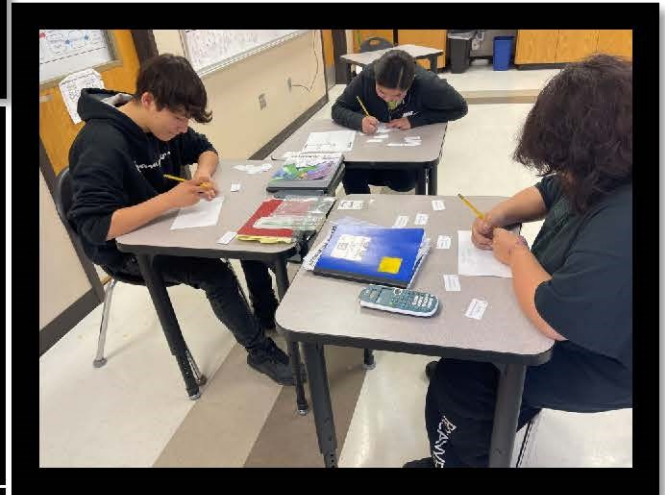
January 2023 6th & 7th Grade Mathematics



6th Grade Math

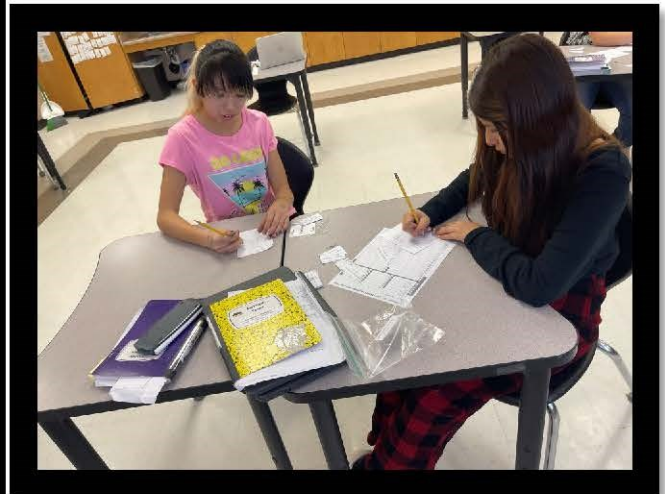
Sixth graders are currently learning about positive and negative integers along with absolute value. We will end the unit working with coordinate planes. Unit 3 leads us into the discovery of expressions and equations. We are very busy.

- Mrs. Cook



Isakowin – 7th Grade

7th Graders work hard in Math class every day. They also have homework four days a week. They completed a unit during the 2nd quarter on ratios and proportions where they learned about unit rates like miles per hour and how much something costs per pound. They are currently working in Algebra. We've been learning how to simplify algebraic expressions by using the Distributive Property and combining like terms. Next up is a review on solving one-step equations and mastering how to solve two-step algebraic equations such as $4x - 2 = 14$. I know that they will excel at this also.



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8th Grade Mathematics

Isahdogan – 8th Grade

The 8th grade math curriculum is pretty intense. They do problems that most adults couldn't solve! For math fluency we use a program called IXL and they could do some extra work at home for this. All the students also have an account on Khan Academy which is a great independent math learning website. They spent much of 2nd Quarter working on algebraic functions and linear equations. They are probably tired of figuring out the rate or slope and the initial value which is the y-intercept. They also learned to graph linear functions. Right now they are doing a little unit on geometric transformations. This includes translations which are also called slides, reflections or flips, and rotations which are turns. We don't do a lot with dilations which make objects smaller or larger, but instead work with rigid transformations or isometries. After this, they are doing another short unit on the Pythagorean Theorem which only works with right triangles. Then they will do a refresher on the ratios & proportions they learned about in 7th grade. We work hard on preparing students for HS Math. Some of our 8th grade graduates need to take Pre-Algebra as a first level math and the others will be ready for Algebra I. Either way, they are prepared for high school math!

