



Bulldog News

@ Grant Elementary School

December 16, 2022

A cooperative school & home newsletter for the Grant School community.

MATH NEWS: Mr. Morris

The sixth grade students have recently completed learning how to graph inequalities on a number line and complete equation tables by finding the missing parts. The students are currently using patterns to both write and solve algebraic equations that they have created and then graph these equations on an X/Y coordinate grid. Once graphed on the X/Y coordinate grid, the students connect the dots which should form a straight line that will show an increase or decrease. Once the algebra unit is completed, the sixth grade classes will be working with rates and percentages in the upcoming months.

ELA/SS NEWS: Mrs. Gerard

The students have been very busy in the first trimester. In reading, we completed units of study for Historical Fiction by reading independently the, "I Survived," series. It was a quick, but effective unit. The next unit of independent study was Graphic Novels. The students learned that there is so much on the page to notice while reading a graphic novel, and these novels are so much more than comic strips! We are just finishing a unit of study for Realistic Fiction. We read Hoot in book clubs, together as a class, as well as independently at times. The students loved reading Hoot in a, "Reader's Theatre," style, where the students get to read as the characters in the book. Many of the sixth graders gained confidence to read aloud, and their fluency improved greatly. In social studies, the students are thick into the American Revolution, learning about the important figures of the revolution, as well as how the colonists fought hard for their independence! Up next, the battle, and George Washington crossing the Delaware on Christmas Day.

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December's Theme:

EMPATHY

The ability to understand and connect to the feelings of another.



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SCIENCE NEWS: Mrs. Alberque

The sixth graders have been learning about energy, forces, motion and work. The students have done various lab activities in which they measured the force necessary to move objects a certain distance and then calculate the work that was needed to complete the task. Work is calculated by multiplying the force x distance. Force is measured in Newtons, distance is measured in meters, and work is measured in joules. The next part of this lesson emphasizes Potential and Kinetic Energy. Potential energy is stored energy; it is determined by the position of an object and its mass. Kinetic energy is the energy of motion. As a culmination of these topics, the students will work in groups to build models of catapults. They will be given certain materials and must work within the confines of the materials provided. The students will then “Storm the Castle” as they launch various items from their catapults and measure the work and power required to launch these items.

The fifth graders have been conducting various lab experiments as they learn about physical and chemical changes of matter. During a physical change, the appearance of the item changes, but the matter of the substance does not change. In a chemical change, a new substance forms. The students observed a change as we added water to Sodium Polyacrylate and made snow. Encourage science discussions at home: Ask your child what he or she thought about this activity...and, if you're dreaming of a White Christmas, ask them how to make snow.

Highlights and Shout Outs

Our holiday concert was a tremendous success. The students worked hard on learning the songs they performed and it was evident in their spectacular performance.

A big THANK YOU to Ms. Mir for putting together a beautiful program..



Dates to Remember

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| Friday | December 23rd | 1:00 Dismissal for students and faculty |
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