



PREP SCHOOL WEEKLY REPORT

SCHOOL YEAR 2019-20

Week 10 ~ 4 October 2019

Students: 737

3 rd = 40	6 th = 94	9 th = 97
4 th = 52	7 th = 87	10 th = 71
5 th = 57	8 th = 100	11 th = 84
		12 th = 55

Faculty/Staff: 67

Full Time Faculty = 54
Part Time Faculty = 4
Staff = 9

Tears of Happiness. On Friday morning, Georgia Military College Preparatory School welcomed back SFC Shanon Resha from a 9 month deployment in Afghanistan with the 48th Brigade. Today was the end of a year-long separation from his wife, Brandi, and his daughter, GMC Prep 7th grader, C/SFC Danica Resha. SFC Resha wanted to surprise his daughter at formation and the Prep School conspired with him to make it happen! The look on both their faces was priceless as were the tears and applause of her schoolmates and teachers.

Heads, Hands, Heart, and Health. 4th grade students welcomed two special guests to their classroom on Tuesday - Geneva Chatman and Tina Blizzard, Baldwin County 4-H Extension Officers – for their first 4-H session of the school year. Did you know that 4-H was originally formed when Mr. G.C. Adams chose to combine a boy’s corn club with a girls tomato canning club in order to begin a club that provides hands on experiences since the best way to learn something new is to actually do it! Our Officers introduced the purpose and history of 4-H to students and explained all of the exciting opportunities for students this year.

Oreo Science! 4th grade scientists (MAJ Anna Avant) explored moon phases this week in a fun, interactive way! After a quick lesson and video about the moon’s lunar cycle, students were given a bag of Oreos as their learning tool for the day. Using the cookie part of the Oreo to represent the "shaded" part of the moon and the cream as the "lit" part of the moon, the students created models for each phase of the moon. In order to put their new knowledge to use in daily life, students will observe the Moon each night in October. Students will use their lab sheet to draw a picture of what they see and “name the phase” of the moon on each day

Leaf Glider Challenge. Fifth graders (MAJ Diane Deariso) worked on a STEM activity to go along with the engineering unit they are currently studying in science. Students took part in the Leaf Glider Challenge by taking 3 paper leaf cutouts and shaping them any way they chose; they could also add large or small paper clips. The goal of the challenge was to see which leaf they could get to glide the furthest. Many designs were redone several times and many “flight trials” took place. Students also learned about reading numbers on a tape measure.

Oobleck. 8th grade students (MAJ Nikki Grimes) finished up an “Introduction to Matter” unit, where they had studied about phases changes, molecular arrangement, and the kinetic molecular theory. Students debated about Oobleck being a solid or a liquid, and after researching discovered that it’s actually a non-newtonian fluid. Students also completed a lab where they separated several different mixtures and had to correctly identify their classifications of matter, stating whether they were homogeneous, heterogeneous or compounds.

Budding Scientists. 9th grade Biology students (MAJ Emily Boylan) built models of prokaryotic cells. After studying how to operate the microscope, students viewed preserved prokaryotic (bacteria) cells and live eukaryotic (protist, plant and animal) cells under the microscopes to compare and contrast the cell types.

Accomplished Scientists. Students in AP Biology (MAJ Emily Boylan) investigated how environmental factors such as inhibitors, pH, and temperature affect enzyme function by testing the rate of hydrogen peroxide decomposition by the enzyme catalase found naturally in calf liver cells. Following a titration protocol, they tested how the rate changed depending on the amount of time the reaction was left to occur.

“Perfect” World. The 7th grade Language Arts classes (MAJ Linda Evans) began reading a new novel, *The Giver*. As an introduction to the novel, students were introduced to the terms “utopia” and “dystopia”. They learned that a utopian society is a fictional society that thrives on perfection, and a dystopia would be the exact opposite – dark skies, crime, hate, etc... Discussions of their idea of perfection were held, and they were asked to think of ways they would create a perfect world. Students also learned that this idea of perfection has been attempted in real world communities. Right here, in the United States, John Humphrey Noyes of Oneida, New York, founded the Oneida Community in 1848. The Oneida Community was much like the community in *The Giver*. Like *The Giver*, the every citizen of the community had a job and their lives were ultimately led by one single person. The students were shocked to find out that the Oneida Community is famous for its popular silverware line, which many students have in their own homes and seventh graders think that is “super cool”. Although the Oneida Community died out, it lasted until about 1950! Students were able to have great, in-depth discussions about utopian societies and what’s right/what’s wrong with a “perfect” world.

Amazing Artists. The elementary art classes (MAJ Andrea Sammons) continue to explore the world around them! 3rd Graders are beginning a unit on Bilateral Symmetry with a focus of different types of advanced lines. Soon, they will apply their new understandings of diagonal lines, convex lines, and concave lines to create spider webs. They will investigate mirror images and apply the concept of bilateral symmetry spiders and many other aspects of nature. Our spiders will guide us through Bilateral Symmetry as well as other insects. 4th and 5th grade artists are working on their first cultural study of the year as they focus on Dia de los Muertos. Students will learn about the beautiful, ornate artworks that are created to adorn the lives of those that celebrate this custom and why these artworks are created as a sign of love and reflection. They are all looking forward to using paper mache to create their first sculptural project - a La Calavera Catrina mask in 5th grade and an Alebrije in 4th grade.

COMING SOON ---

Our 51st Annual GMC BBQ is just around the corner – Wednesday, November 20th!! All students in grades 3-12 received their ticket packet this week and our goal is to sell 8,000 tickets! This huge undertaking is truly a TEAM effort as we work together to raise funds to directly benefit our students! If you would like to assist us in selling tickets or would like to purchase tickets for you/your family, please contact us!

