

Comet Comments—



Coloma High School Newsletter

Principal, Mr. David Ehlers

December 2017

MISSION STATEMENT:

*We will inspire all students to achieve at high levels
and empower them for their future success.*

INSPIRE TO ACHIEVE –EMPOWER FOR SUCCESS



FROM THE DESK
OF
MR. DAVID EHLERS

SCHOOL
COUNSELOR

by Mrs. Fran Megyese



The Christmas Break signifies that the end of the first semester is near. This is a good time for students to focus on getting caught up and preparing for semester exams which are right around the corner. Please encourage your student to use the time off wisely!

On behalf of the entire CHS staff, I would like to wish you and your family a safe and happy holiday season! We look forward to the return of all our students who are rested and ready to finish the first semester on a high note!

Happy Holidays!

Reminder to senior parents: We have several seniors who are failing classes that they need for graduation. Please check your son/daughter's power school progress to see where they stand.

I am also sending letters and calling parents regarding their status for graduation. Please contact me if you have any questions.

To: All 2018-19 9th, 10th, 11th and 12th grade students and parents. I will be scheduling each student individually this year to eliminate incorrect selections.

This will take place during the months of January for orientation during RTI's, and February and March for individual scheduling.

You can go to the Coloma High School website and click on "counselor corner". You will find our course directory and all of the high school scheduling information for 9th, 10th, 11th and 12th grades.

Have a Merry Christmas!!

UPCOMING DATES

January 8—
Classes resume

January 17—Late
start. School starts at
10 am

January 15—
No School
MLK Day

January 25th,
26th—1/2 day
Exams

January 27th—End
of 1st Semester

January 30—Report
Cards

January 31—Late
start school starts at
10 am



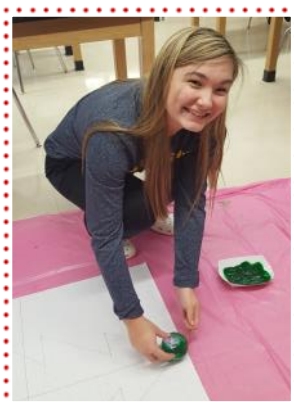
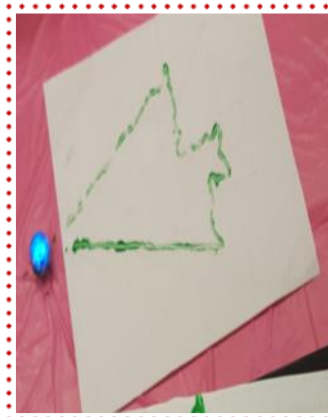


MATH ROCKS

MATH FUN?

ABSOLUTELY!

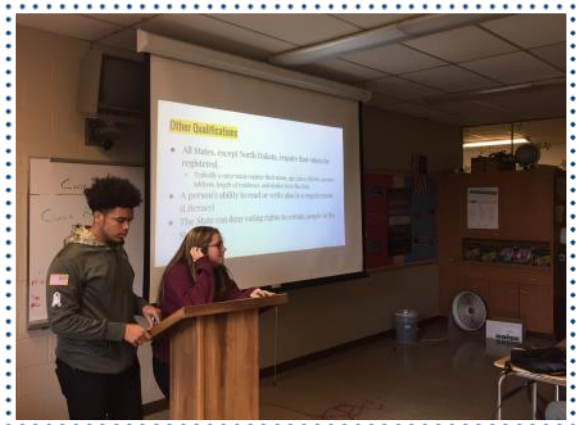
As a math department, we are so proud of our students and their work with the Sphero, a new piece of technology that was recently introduced to them in our classrooms. The Sphero is an educational tool designed to inspire student curiosity, creativity, and invention through connected play and coding. While the high school algebra students used the Spheros alongside the junior high pre-algebra students on a lesson focusing on the introduction of graphing points and finding slope, our algebra students incorporated Spheros to find distance and calculating speed and time. Students were simultaneously designing and programing to direct the Sphero around our graphed holiday tree. Even despite the bumps that inevitably accompany the introduction of a new piece of technology, this was a successful peer to peer lesson, mastering the core curriculum standard while connecting, communicating, collaborating, problem-solving, testing, and sometimes failing. The over-all student success and learning was amazing!



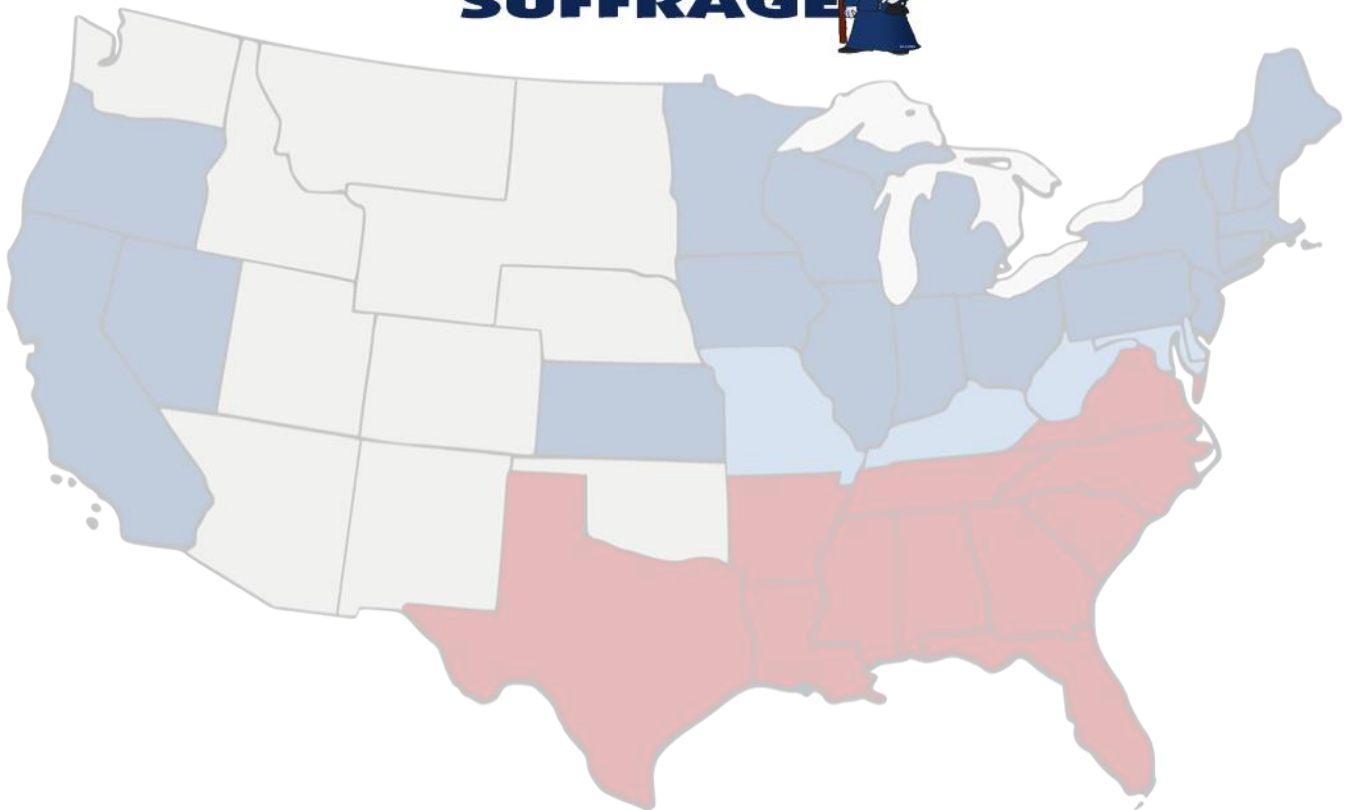


SOCIAL STUDIES

In Civics this month Coloma High School students were learning about the roles of political parties, interests groups, media, and individuals in shaping public opinion. Students also focused on the history of suffrage in the United States. Students developed presentations that they presented to their classmates. Presentations were informative and creative. Many students demonstrated a great ability to overcome their fear of public speaking and did a terrific job of presenting!



WOMEN'S SUFFRAGE





Electronics, Robots, and Western. Oh My!

The past month has been rather busy for the Engineering, Engineering Design programs, and robotics team.



Over the past several weeks, the Engineering students have been learning about electricity and electronics using sets of Snap Circuit electronics kits recently purchased by Coloma's CTE department for the Engineering program. These kits, a more modern version of the old Healthkit Electronics kits, allow the students to create a variety of circuits. Using "wires", switches, capacitors, resistors, lights, speakers, and other parts, the students have been investigating how electricity works and the functions of electronic components in the creation of various category of circuits. Each module consisted of a series of labs that the students complete and then demonstrate to Dr. Quattrin while explaining what each lab exhibits. This ensures that the student has a satisfac-

tory understanding of the function of the individual components and how they work together to form different types of circuits, e.g., NOR, NAND, AND switches.



On December 1st and 2nd Coloma's CW Tech Robotarians, the high school robotics team, hosted a *FIRST* Tech Challenge (FTC) event (<https://www.firstinspires.org/robotics/ftc>) called the Sunset Coast Splash FTC Qualifying Event. Thirty-six Michigan junior high teams from as far as Midland brought their Tetrix system robots designed and built to compete in the game *Relic Recovery*. This game was introduced world-wide at the beginning of September. The object of this archaeology-oriented game is for one alliance of two robots to attain a higher score than the opposing alliance by (1) scoring Glyphs into the Cryptoboxes and completing rows, column, and ciphers, (2) transferring Relics to the Recovery Zone, (3) retrieving Jewels, (4) parking on

the Balancing Stones, and (5) navigating to specific parts of the Playing Field. Our own Coloma junior high fielded two rookie teams who did very well. All the attendees and participants had a great time competing and getting to know one another.

In related news, the high school season (FRC) starts on January 6th. If you are interested in joining the CW Tech team, contact Dr. Q. For more information, see <http://www.cwtech-robotarians.org/> The Coloma Engineering and Drafting classes also traveled, on December 5th, to Western Michigan University's College of Engineering and Applied Sciences (CEAS) campus to attend the 61st Senior Design Conference (<https://wmich.edu/sites/default/files/attachments/u883/2017/SEDP%2061%20brochure.pdf>). This event occurs at the end of each fall and spring semester when graduating students from WMU's seven engineering programs present their capstone projects to the public.



These seniors pair with different companies, municipalities, or other organizations to develop a project appropriate for their engineering major. Last year, a group of WMU Electrical and Computer Engineering students designed and built a solar panel system that tracks the sun, charges a battery pack, and lights a

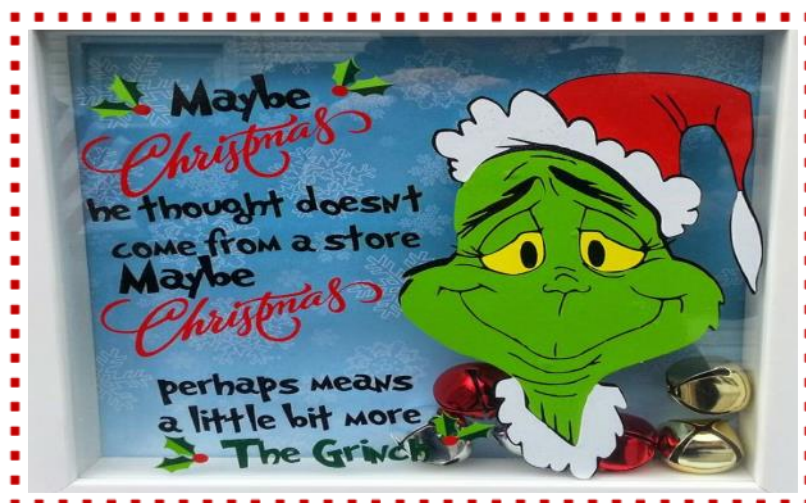


sculpture that the Coloma EMIT department has been working on. Some examples of the engineering projects demonstrated during this year's event include: *Educational Control System Packages*, *Re-engineered Solutions for Event Refuse*, and *Redesign of Recreational Vehicle (RV) for Multiple Sclerosis (MS) Patient*.

Upon arrival at the CEAS facilities, the students were given a tour by WMU engineering students during which they described the various classes, projects, clubs, and activities available to WMU students. After the tour, the students attended several seminars of their choice providing an opportunity to see "school-to-work" projects col-

lege engineering students engage in as part of their degrees. As a follow up, each Engineering/Drafting student was asked the next day in class about the seminars they attended. They were all able to give very good descriptions of their favorite presentation indicating a satisfactory understanding of some very complex engineering projects. It was also gratifying to see our Coloma students asking the WMU presenters questions about their projects during the Design Conference Q&A periods. Our students confirmed that it was an interesting and informative experience. We hope to do this again for the Spring conference.

Happy Holidays!!





Merry Christmas

Coloma Business Students Spread Holiday Cheer!



The students of Mr. Mead's Business and IT CTE courses help spread some holiday cheer by getting into the spirit of giving. Coloma's Business Club members were able to help out families in need of assistance this holiday season by being a part of the Family Sponsorship Program.. Through this program these students were able to learn to be charitable and give back to the community that supports their education. They were able to go out and buy Christmas gifts of toys, winter clothing and help Santa Claus visit a few local kids this Christmas. If it weren't for these Coloma High School students uncommon efforts and attitudes Santa's Gift bag would have been a little bit lighter this year.





Door Decor Contest



WINNERS!



1st place
Mr. Ford's
6th hour class



2nd place (Tie)
Mr. Baumgartner's
Class



2nd place (Tie)
Mr. Ransom's
Class



Door Decor Contest



Mrs. Ferguson's Class



Mr. Koziuk's Class



Mrs. Glisson's Class



Door Decor Contest



Ms. Rocca's
Class



Ms. VanNiel's
Class



Mrs. Thomas's
Class



Mrs. Prosper's
Class



Door Decor Contest



Mrs. Houston's
Class

HO!
HO!
HO!



Mrs. Selvidge's
Class



Mrs. Morris's
CNA Class



Congratulations!

(l-r) Senior—Mya Potter, Junior—Uyen (Emily) Tran,
Sophomore—Talea Rose, Freshman—Drew Goodline

