



What's Happening?

Stick Your Nose In Our Business - AP Art

For the third consecutive year, AP Art students have participated in a large-scale "portable mural project". Each May, incoming AP students embark on this project which currently involves 8 juniors and seniors. Students blindly chose a famous painting created by one of 3 selected artists. In this year's collection, the following styles of art are represented: Post- Impressionism (Van Gogh), Fauvism (Matisse) German Expressionism (Marc). Students then made the commitment to complete a minimum of 30 hours of work time, meeting with me after

school for the months of May June and July to create their 4'x6' artist reproductions. In some cases students brought their canvases home to finish independently.

This process teaches students about composition, color mixing and paint application. Students also learn about art history, artists, and specific styles of art. The project spans from May to October each year and becomes part of a permanent collection in our school library.

During open house on Thursday October 10th,

student body, teachers, and the surrounding community were invited to a ceremony where each student will unveil his/her painting. At this time, students will also share information on their paintings, such as historical context or symbolic meaning. These paintings will join the other 16 by former AP students which currently hang in our library.



Molly Gogas grade 12
Rachel Borisko grade 11
Lauren Hastings grade 11
Alissa Bredbenner grade 12
Ms. Currier
Teaghan Rooney grade 11
Alicia Ross grade 12
Erin Sullivan grade 12
Alyssa Mulhall grade 12
(not pictured Emily Stikeman grade 12)

Ever Consider A Career In Education?

For some Timberlane juniors and seniors, the answer is an enthusiastic yes! The Exploring Teaching class allows high school students to explore a career in education while earning college credit. Students enrolled in this hands-on class learn through research, guest

speakers, field trips, job shadowing, lesson planning, teaching lessons and much more!

On October 11, the Exploring Teaching students will travel to Bow High School to participate in New Hampshire's National Education Association Conference. The students will join

other future educators as keynote speaker Virginia Barry, Commissioner of Education discusses reimagining the profession. Additionally, students will hear from former Exploring Teaching students, who are now certified teachers, as they share their experiences. The conference will

conclude with a "True Color" workshop, a model for understanding personality temperament. The students are very excited for this opportunity!



Oh the Humanities! - World Languages

This month, the TRHS World Language Department is thrilled to host nearly 50 exchange students from both Germany and France.

On October 3, the German Honor Society hosted a welcome reception in the TRHS library in honor of the 25 German students and their 2 teachers who are visiting us from Droyßig, Germany. The German-American Partnership Program exchange has been a tradition here at Timberlane since 1987. Every 2 years, TRHS hosts the German group from our partner high school in Droyßig. Our TRHS students will travel to Germany in June 2014.



In addition, we are eagerly awaiting the arrival next week of 22 French exchange students from Saint Dizier, France. The Timberlane host students and their families have planned a potluck dinner with the French students in the TRHS cafeteria on October 17. Through the French exchange program, which began in 2011, our Timberlane students will also have an

opportunity to visit their French friends in Saint Dizier in April 2014.

We are thrilled to provide our students with this opportunity to make cross-cultural connections and to use their language skills in such an authentic way. Please be sure to greet and welcome our German and French guests when you see them.

Congratulations to Herr Doug Madsen and Madame Beth Runnells for all of their hard work in organizing these successful exchange programs !

Music



We are proud to announce that Mr. Robert Harrington has been selected as the "Singer in the Spotlight" in the October edition of the *New Hampshire Master Chorale Newsletter*. Mr.

Harrington is currently in his 14th year as Choral Director of the Timberlane Regional High School music program. Mr. Harrington previously worked in Londonderry and was named "Teacher of the Year" in 1998 by the local Chamber of Commerce. He is a member of the National Association for Music Education and the American Choral Directors' Association. Robert is also a talented vocalist and a tenor

with the New Hampshire Master Chorale.

Congratulations to Mr. Harrington on this well deserved honor!

World Studies

This week, students in Mr. Hunter and Ms. Pellerin's World Studies classes took on the role of historical figures from the English Reformation using Twitter. Students collaborated about their historical figure and, using their Nooks, tweeted about their relevant historical and

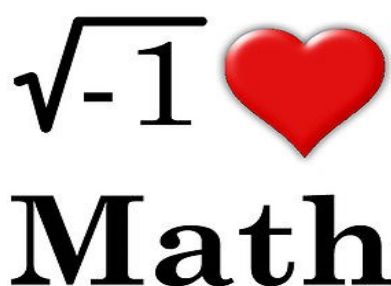
biographical information. The students then retweeted and replied to other historical figures in persona. In doing this, students were able to analyze how these figures would have interacted in reforming English culture.



Ions, Geigers, and Squares...Oh My!!

Obviously Discrete

Discrete mathematics is being offered to our students for the first time this year, being taught by Rebecca Carlson as a Dual Enrollment course. While the traditional goal of high school math programs has



been to prepare students for calculus, student interest in college programs and careers in diverse fields such as technology, computer science, sociology, business, or law, is inspiring many students to study discrete mathematics, as well. Dis-

crete is different from calculus, in that it is the study of discontinuous objects and ideas. We use it to investigate settings where functions are defined on finite sets of numbers, using tools such as operations on sets, logic, proofs, counting, digraphs, functions, matrices, trees and graph theory. This year our students have already used their math skills to design logic circuits, create system specifications, and analyze works by Lewis Carroll. A significant goal of this course is to improve students' critical-thinking and problem-solving skills, skills that will serve them in all college programs and careers.

3, 2, 1, Blast Off!

Mr. Morse's 9th grade physical science classes built rockets out of two liter soda bottles, to experiment of the center of gravity and center of drag on rockets. The effect of the location of these two characteristics determines the overall stability of the rocket. By examining projectiles in class, students learned that the center of gravity of a projectile transcribes a parabolic path. By placing the center of gravity closer to the front of their rocket and placing the center of drag

closer to the back of the rocket, students ensured that their rocket would fly straight during its flight.



"To catch"



This school year marks an amazing milestone in TRHS's Project Lead The

Way history. We achieved certification status for our pre-engineering program. This certification opens the door for many of our students, such as college credit, scholarship opportunities, and potential acceptance preferences. This program has also

helped to create a partnership team with local business and industry leaders. These community members will be serving as mentors to students in the Engineering Design and Development course as they use those engineering skills learned at TRHS to solve real world problems.