



# What's Happening?

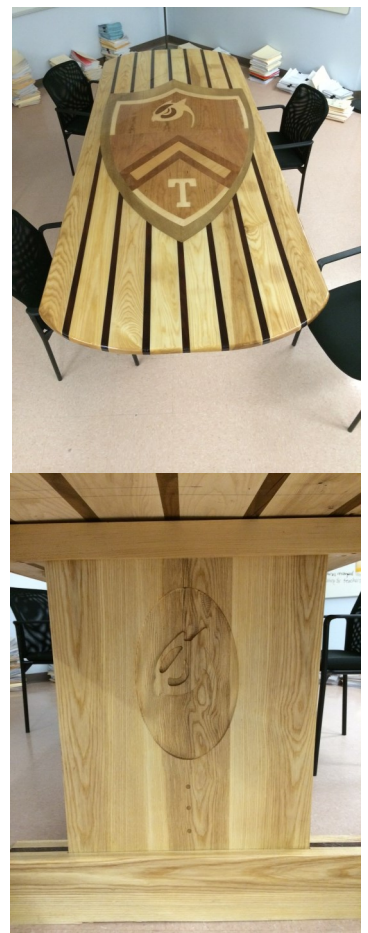
## Stick Your Nose In Our Business - Wood Technology

The Curriculum Office has become a busy spot. At any time of the day you will always find teachers and administrators working on all things curriculum. It had become so busy that the tables in the office could not seat everyone when meetings or workshops were held there. The Academic Deans approached Mr. Schoenenberger asking if it was possible for his students to make a large conference table for the curriculum office. Mr. Schoenenberger presented the task to his Level 2 Wood Technolo-

gy class. Ryan Tully, Zack Patten, Matthew Milone, and Tyler Brennan accepted the challenge.

They began with sketching a design after interviewing the Deans on what they would like the table to look like. The Deans spoke about how the curriculum office is becoming the heart of Timberlane for all meetings and professional workshops. The Deans asked for the table to be a symbol of the school that will be here for many years to come. After having the design in place, they began what would take two and

a half months of hard work to create a conference table that will certainly be a part of Timberlane High School forever.



## Scholastic Art and Writing Awards

For the second year in a row the TRHS Art Department has participated in the Scholastic Art and Writing Contest. The Scholastic Art and Writing Awards date back to 1923 and is the longest-running, most prestigious recognition program for creative teens in the United States. It is also the nation's largest source of scholarships for creative

young artists and writers.

Submissions are juried by luminaries in the visual and literary arts, some of whom are past award recipients. Panelists look for works that best exemplify originality, technical skill and the emergence of a personal voice or vision.

This year, Timberlane Regional High School won 15 total awards of the 27 entries submitted. These winning entries included drawings, paintings, ceramics, photographs and digital art. The gold and silver key will be on exhibit at Pinkerton Academy January 21, 2014 through February 1, 2014. The gold key will go on to

compete nationally. We are very proud of these students and encourage the public to come see this impressive exhibit.

TRHS Scholastic Award Winners for 2014 are Ainslie Wood, Lauren Hastings, Coryn Abood, Alissa Bredbenner, Caroline Casey, Sarah Heckman, Teaghan Rooney, Rachel Borisko, Amber Pichowicz, and Alicia Ross. Congratulations to all!

## Oh the Humanities! - The Gatsby Gala

The 4<sup>th</sup> annual Gatsby Gala was held on Thursday, February 20, 2014 at the Atkinson Country Club. Over one hundred American Studies students and members of the TRHS Jazz Band gathered together with their teachers to participate in this highly successful competency based learning experience. The event aligns with the Amer-



ican Studies unit on "The Emergence of American Culture – The Roaring 20s," and is held in conjunction with the students' study of F. Scott Fitzgerald's novel, *The Great Gatsby*. Dressed in their finest 1920's costumes, students listened to live music performed by the TRHS Jazz Band, received Charleston and Swing Dance lessons, performed Gatsby skits, and conversed using period slang expressions. Through their eager participation in the day's festivities, students gained valuable insight into how American values and culture have been affected by and expressed in the dance, art, music, and literature of this time period.



This was a shining example of educators working across content areas to create an interdisciplinary educational opportunity for students. Congratulations to teachers Meg Guanci, Jim Kelly, Jen Puchlopek, Josh Silveira, Brian Deveney, Patty Deyermond, John Dube, Ken Clark, and Paula Callahan.

## Dear Jay Gatsby, ...

As a follow-up activity to the 4<sup>th</sup> Annual Gatsby Gala, students in Meg Guanci and Jim Kelly's American Studies class wrote thank you letters to Jay Gatsby, in which they demonstrated an awareness of 1920's popular expressions. The following are excerpts from two of those letters.



*"I wanted to write you a letter and thank you for the party I attended on Monday night. It was fabulous! I have never been to a party with such lively people and atmosphere! [...] I had heard about your party from across the bay and thought it might be a nice evening event. Then again who hasn't heard of the famous Mr. Gatsby? I was overly impressed and satisfied with the party in the end. The*



*entertainment was one of my favorite parts. The flapper dancers were amazing and so talented. All the performers had such interesting acts and everywhere you looked there was another performer. The music that was being played and performed was fantastic. It made the dancing easily the best part of the night. [...] I danced with so many new folks and it really was the bee's knees."* —Megan Shields



*"You're certainly no wet blanket, you ol' chap. The party was hotsy-totsy and dandy and I'm sure to attend at the next one. You must be fishing quite a few clams to be having all of those fantastic festivities and fireworks. The music was top-notch; I believe I've seen those same music men and women perform in Boston."*

—Sam Denison





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

## Inventing the Next Big Thing

Students in the Engineering Design and Development course are getting a taste of the real world. The premise of the course is to design and develop a new product and see that through the entire process modeling what is done in engineering firms. These students are lead through the process using the Project Lead the Way curriculum and mentored by industry leaders to ensure that the students experience the process as if they were already working in an engineering firm. Already students have shown their creative and technical skills as they have developed

some great ideas and designed the prototypes using AutoCAD software. Anthony Cafiso, Avater Dhaliwa, and Nick Gibbs created some 'Distracted Driver Minimizers'; Dan Lee and Zach Page created 'Zero Slope Ski Propulsion Aides'; Tom Schomburg and Matt Turner created 'Cell Phone Charger

Cases'; and Nick Bealo and Alex Kennedy created 'Frisbee © Launchers'. All along the process the students receive feedback about their designs as they continue to refine and improve upon their ideas. The culmination to this course is for the students to do a formal 'pitch' of their idea and design to industry professionals on May 28<sup>th</sup>.



## Yeast Powered Cars

Students of the PLTW Biotechnology course designed, optimized, built and raced "fermentation cars". These racers were powered by the expanding carbon dioxide gas produced when yeast cells ferment the sugar solution fuel. Students gained an appreciation for the steps involved in doing any project while experiencing the frustration of reaching dead ends and the thrill of success resulting from their own efforts. This was based upon the 'project-management formula' used in industry to expose students to

the realities of STEM based industries. Students also learned about biological growth rates, fermentation optimization as well as how to evaluate experimental data and incorporate their results into the decision making process.

