



## Frigid Heart

Students anticipate Mr. Burgard's crazy lab days

Slowly pulling a bouquet of roses out of a bucket of liquid nitrogen, Mr. Ryan Burgard reviewed the gas laws with his AP Chemistry class. The liquid nitrogen froze the flowers at a chilly temperature of -334 degrees Fahrenheit. Demonstrations like this were how Mr. Burgard captured the attention of his AP Chemistry and Biology students.

"Mr. Burgard picks labs that are very interactive and relevant to what we're learning in class," Kelsey Faykus, 12th, said. "He is unlike any other teacher I've had in the past. He makes learning feel like something more than just learning."

Mr. Burgard's AP Chemistry and Biology classes prepare students for college classes and help to broaden their curriculum. AP and Pre-AP classes are different than normal classes because they give students more of a challenge.

"The students are held to a much higher standard and I complain at them a lot more," Mr. Burgard said.



**ONE FOR ALL**  
Markell Irvin, 11th, experiments with equal and unbalanced forces in Mr. Burgard's Pre-AP Physics class. "Our team had a weaker force, so a couple people decided to tie the rope to a bench, but we later found out the bench wasn't bolted down," he said.  
*Photo by Chelsea Seggern*

## Flour/Flower Power

Flour babies, floral design create learning experiences in Career & Technology classes



*Photo by Chelsea Seggern*



*Photo by Bailey Thelen*

For Ms. Shelby Sheppard's Life Nutrition and Wellness class, students carried around flour babies for a week to learn about caring for infants. "Their heads are very sensitive and can easily get hurt," Dylan Ging, 9th said.

Ms. Taylor Urich's students, Macey Pruitt, 9th, and Tyler Lamb, 10th, made floral arrangements for School Board Appreciation Night.



# Up off your Seat

Labs, activities, games promote learning

In the shade of a tree out in front of the high school, a group of Pre-AP Physics students pulled with all of their might against the opposing team for a lab on balanced and unbalanced forces.

For almost all science classes, hands-on activities were a must. Just reading the material helped students get a basic idea, but when a tactical element was added, Mr. Casey Georg said, it helped them to understand.

"Seeing practical use of things really benefits students," Mr. Georg said. "Once you see it in action and make that practical connection, kids can really see how it works."

Science classes weren't the only place for students to engage in interactive learning.

In Mrs. Hannah Kettelman's English II class, the students read the book 'Night' by Elie Wiesle. To help them better understand the hardships, Mrs. Kettelman had students cram into a 10 by 5 ft. rectangle that she had taped on the floor to represent a cattle car that the Jews in the Holocaust would have been transported in.

"You could see some of them got stressed out from being so close together, some thought it was funny, and others took it seriously, seeing what it would really be like," Mrs. Kettelman said.

Even though hands-on activities enhanced the curriculum, they did not replace reading and taking notes. "Hands-on activities are only beneficial to me if there is a good amount of text information for me to understand what I'm doing," Megan Byrd, 12th, said. "I can do a hands-on activity without knowing what I'm doing, but when I'm able to read about it, and know what I'm doing, I can understand it better."

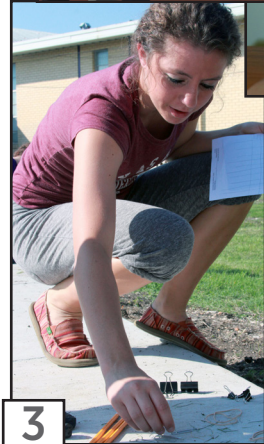
Story by Rachel Byrd



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**"We were bowling in Spanish during the exam period because #we'rekewlkids. Rachel won the bowling set in a vicious game of Christmas bingo."**

**-Candace Gautreaux, 11th**

**1.** For Coach Thomas Umberger's Government class, Sarah Nilsen, 12th, shoots a basket from the free throw line for extra points on her test. *Photo by Kimberlee Wuthrich*

**2.** While learning about the color wheel in Ms. Sheppard's class, McKenzie Tretter, 10th, tie-dyes a shirt with primary colors. "It helped us to see what colors went together and which ones didn't." she said. *Photo by Chelsea Seggern*

**3.** Brandie Pruess, 12th, counts paper clips for a quadrat lab for Mr. Georg's Environmental Science class. *Photo by Chelsea Seggern*

**4.** Cory Noak, 11th, melts a block of Sodium oxide for Mr. Burgard's AP Chemistry class. "We were learning about how to find the imperial formula," he said. *Photo by Chelsea Seggern*

**5.** To help visualize a scene from the book "Night" Kenneth Kruse, 10th, stands with his classmates in a small square. *Photo by Emily Price*

*What's Up?*

"Sewing will eventually help me make things for my family and myself."

-Tyranny Balcom, 9th

