

**DON'T GET TOO CLOSE**  
Freshman Lyle Caudill pours hydrogen peroxide into a test tube to finish one of the steps of the liver lab in Nicole Sorto's biology class. "[Labs and experiments] make for a fun way to learn new things," Caudill said. Caudill's favorite part of biology were the foodwebs. Photo by Karel Tinkler.



**OH DEER**  
Senior Hannah Ilan holds part of a deer leg in teacher Richard Whisenand's anatomy class. "It was interesting to see the bones and muscles and ligaments because we've been talking about it and [looking at] charts and diagrams in notes," Ilan said. "I learned what they actually look like in real life." According to Ilan, the deer leg was intimidating at first, but the demonstration turned out to be enjoyable. Photo by Ashley Chamberlain.

**SHOOTING FOR THE STARS**  
Juniors Henry Pitre and Grace Schmidhauser put together their bottle rocket during teacher Marion Jones' physics class. "It was cool, we got to design [our own] rockets," Pitre said. Photo by Dave Winter.

**INTESTINES ON FIRE**  
Freshmen Sophia Salo and Lexi Battle observe how cow liver reacts to several chemicals and conditions during Nicole Sorto's biology class. "[Biology] is a fun class," Battle said, "and it's really interesting." Photo by Karel Tinkler.



**ON THE BRINK OF DISCOVERY**  
1. Juniors Austin Loessin and Christian Alfaro adjust the fins on their bottle rocket in teacher Marion Jones' physics class. "I liked [this lab] because it was a good teamwork activity," Loessin said. "I would do it again." Photo by Dave Winter.  
2. Sophomores Ian Carson and Caleb Herpin work on a lab in Robert Lehman's chemistry class. It's more fun to do hands on stuff [in chemistry]," Carson said, "than taking notes out of a textbook." According to Carson, the hands on activities in chemistry have helped him learn in chemistry. Photo by Mara Vandergriff.  
3. Teacher Richard Whisenand directs students in skinning their rats during his fifth-period anatomy class. "There was all of their guts and stuff inside," senior Lily Stuesser said. "It's crazy to think that's what's inside of you." Photo by Molly Farkas.  
4. Seniors Mariana Logan and Kate Stallworth skin their rat, preparing it for dissection, during their anatomy class. "I really enjoy this class," Stallworth said. "I want to do stuff like this later on, just not this particular thing. I enjoy anatomy a lot." Photo by Molly Farkas.

# action and REACTION

## SCIENCE CLASSES USE LABS, HANDS-ON LEARNING

Science classes can be a bit dry on a regular class day.

But when you mix scientific inquiry with bottle rockets, cow liver and assorted deer parts, suddenly, the lessons require creativity, innovation and even the occasional strong stomach. Lab days were the oasis of a student's experience in science class, providing memorable experiences and lessons to last a lifetime.

"My favorite part [of physics] is probably the labs," senior Glenn Cone said.

Senior Cedric Sanders' favorite lab in physics was an experiment that compared and contrasted car crashes

to horse crashes and their forces. According to Sanders, this lab helped him understand force visually.

"[Labs] help me because they give me an example and a demonstration," sophomore Georgia Whitworth said. "[My favorite lab we did in chemistry] was a lab we did with a flame test and the flame changed colors."

Freshman Zoe Hocker's favorite biology lab helped her understand cells better when they made cell models.

"The labs give me a good example of what we're learning," Hocker said. "I'm a very visual learner, so it helps

to have a visual representation of what we're learning instead of just

listening to a teacher talk about it and writing it down. I think everyone uses science later on in life. I'm not sure if I'll have a science-

heavy job yet, but I think I'll use what I'm learning later on in life."

Some students already know how their science class will play a role later in life. According to senior Hailey Brown,

being in her anatomy class has helped her to better understand a career path she wants to pursue in her future.

"I'm going to be an occupational therapist," Brown said. "It's a job that helps fix [the functions of] ligaments and bones for people who have disabilities."

Whether they were feeling a little queasy after a dissection or confident after an eye-opening lab, science classes made an impact on students of all grade levels.

"I'm a very visual learner so it helps to have a visual representation of what we're learning."