## 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





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

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.



## by Dave Winter.



# action and REACTION

## SCIENCE CLASSES USE LABS, HANDS-ON LEARNING

cience classes can be a bit dry on to horse crashes and their forces. 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

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

"I'm a very

learning."

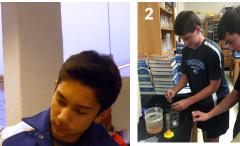
Hailey Brown, being in her anatomy class visual learner has helped her to better so it helps to understand have a visual a career path representation she wants to pursue in her of what we're future.

"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.

OH RATS! Seniors Christina Beck, Hayden Price, and Alexia Heinrich examine the abdominal cavity and organs of the rat they are dissecting. "It was really interesting to see the organs first hand rather than just in photos," Beck said. Photo by Ashley Chamberlain





1. Juniors Austin Loessin and Christian Alfaro adjust the fins on their bottle Affaro adjust the fins on their pottle 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. Sophmores lan 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 Vandergrift.
3. Teacher Richard Whisennand 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

A. 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.