

MAKE IT MOLECULAR

PAGE BY **kemp & taylor**

Some days bring skin labs, other days barl examinations. And then there's the notorious biology territe lab, where students draw paths on papers to determine why territes follow lines.

IT TAKES GLITS

With 39 classes to choose from, and experiments almost daily, science is guaranteed to test students' limits. Whether it's the flame lab in chemistry bringing the science to life right before your eyes or wiring a circuit board to review for your physics final, new passions for finding answers are ignited every day.

FOR THOSE WHO DISCOVER A NEW WAY

COOL MRS. CARROLL #1

the three best things about chemistry

Mrs. Carroll teaches chemistry, and only chemistry (both honors and AP), so it's fair to call her an expert. As all of the kids in her classes know, she is big on safety and big on good procedures. But what are the three best things about chemistry and teaching chemistry?

#1

"The key factor to being successful in chemistry is being actively engaged in their learning on a daily basis. Ask questions and participate in discussions every day."

#2

"Watching students connect chemistry concepts to their daily life. I love when students come to class and say, 'I was scraping my car window, and I could not stop thinking about change in state, Mrs. Carroll and I was quite annoying.'"

#3

"I am not scared! I am passionate about students learning and love to watch students start to become passionate about chemistry too!"



BEST of science

favorite science classes

Every student is required to take 4 credits of science to graduate. Of course, there are the conventional classes of chemistry, biology, and physics, but there are many other classes available to students such as genetics, human anatomy and physiology, or astronomy. With so many classes available at Chap, there's bound to be some common favorites.

56%

biology

Biology is defined as the study of life. There are four biology classes (General Biology, Applied Biology, Honors Biology, and AP Biology), but many other classes such as Pre-Med use biology bases.

35%

chemistry

Boom, Fizz, Hiss. That's chemistry. Chemistry studies the science behind chemical reactions and the makes up of the universe in its applied, general, honors, and AP classes.

9%

physics

Physics is essential to learning how and why the world works the way it does. Even though it may make students question the slurts in their favorite action movies, it's imperative to know.



1. TESTING THE CATAFULT. Sr. **Joah Bauh** launches a marshmallow across the table. "It has physics because learning how matter and energy operate is cool," said Bauh, photo by **Kylee S. WRITING THE RESULTS.** Fr. **Haylee Hodges** attempts to explain how the fuel changed over the course of the experiment. One of the most noticeable changes was the way the fuel changed color. "I used this experiment because it's just not something you think about very often," said Hodges, photo by **Kylee S. OBSERVING THE CYLINDER.** **Soph. Jake Morris** uses the temperature of hot and cold water in a graduated cylinder in the thermodynamic lab. "My favorite lab is the Copper Lab, because you can dissolve copper and bring it back to copper. Using all of the equipment is pretty cool," said Morris, photo by **Jogges**

4. GATHERING ITEMS. Fr. **Molly Name** looks for different items to filter water in an experiment. "The students are each given polluted water and must try to filter it to the best of their abilities," photo by **Kylee S. CLEANING HIS CUP.** Fr. **Caleb Laffer** prepares for his lab. "I like using different materials any way we wanted and there were an infinite amount of possibilities from this lab," said Laffer, photo by **Kylee**

FOR THOSE WHO PAY ATTENTION



Fr. **ANNIKA ROSS**

"I take Mrs. Crowler's Earth Environmental Science class during fourth hour. I think my favorite part of the year so far would be the time when we had a speaker come in to talk about water pollution."

mad SCIENTIST

Sr. **Jake Elkins** has taken science classes over the past four years and he might just be Pelee's very own mad scientist.

WHAT SCIENCE CLASSES HAVE YOU TAKEN?

"I've taken 6 science classes including this year. I've taken Honors Chem, Honors Bio, AP Chem, AP Bio, AP Physics 1, and AP Physics C."

WHAT CLASS HAS BEEN YOUR FAVORITE?

"AP Chemistry was my favorite class to take because I really enjoyed Mrs. Carroll; she was a really fun teacher. Chemistry is called the central science so I think it's really interesting that it incorporates the physics type in the math part and the biology type in the conceptual part."

WHY SO MUCH SCIENCE?

"I took so many science classes because I'm definitely planning on majoring in something science related. I might do bio-medical or bio-chemistry and then move on to medical school to get my doctorate, then hopefully do something in neuro-science or neuroscience."