

Competitions in Science Classes force students to solve problems

EGGS-CELLENT SCIENTISTS



1 - Fr. Lawrence prepares to drop an egg from the top of the walkway around the canopy. "My favorite part of the experiment," he said, "was seeing the guys get excited about working with their hands and putting something together."
 2 - Jared Campbell and Jameson Clay open their device to see if their egg survived.
 3 - The juniors look up to watch the next egg drop. Reuben Garcia manned the iPhone camera, recording the day's experiments.
 4 - Jack Rau shows off his un-cracked egg.

This fall, Juniors in Fr. Lawrence's physic class got first hand experience with Newton's laws during an egg drop competition. The students had to construct either a crash cage or a parachute and basket mechanism to protect their egg. They were limited to popsicle sticks, toothpicks, straws, tape, and wood glue as their materials. The goal was to protect the egg from a drop of either 17 or 28 feet.

On the first day of dropping, the crash cages were tested from 17ft. Only Jake Berard, Jack Rau, Jack O'Toole, and Michael Byrne were able to drop their eggs safely.

The second day of dropping allowed the students to drop their parachutes from the top of the game field bleachers. Winds were in excess of 20 mph and the first couple of eggs slammed against the bleachers. Adjustments were made and most of the eggs were able to land near the target, although not always in one piece.

Stats were kept on the weight of the cage mechanism and the time it took for the egg to land. Stats were also taken on the cages who took the longest to land, and those cages which weighed the least but were still able to protect the egg.

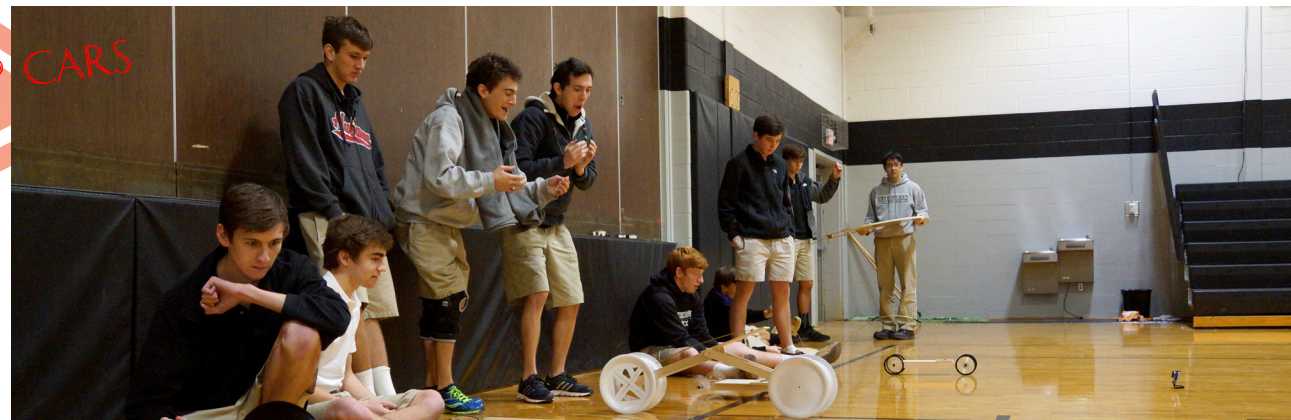


ARCHITECTURE

As part of their Fall elective, Sophomores John Michael Kinsella (on top to the right) and Oscar Parmenter created a tensegrity model. The model applied the concepts they had been taught in class by Mr. Collier. John Michael commented, "It applies the use of perfect balance, tension and compression". Through the class Kinsella has found an interest in architecture and even attended an architecture camp at TCU.



MOUSE-TRAP CARS



Going the Distance After Fr. Philip gave the "Go!" signal, the seniors released their mouse-trap car in the "Distance Race". Some cars, like AJ Interrante and John Dudasko's, didn't take off properly.

Engineering a Race Moments before the "Speed Race" Timmy Skaras (VIII) prepares his mouse-trap car. The competition had two races: the "Speed Race" in which all the cars were racing to a finish line and the "Distance Race" which was won by the car that traveled the farthest distance.



FRESIDE CHAT

with Mason Arhelger and Jason Cheng



"I worked in the Photography Lab first semester, working on my film for the Film-making elective. In the first quarter I worked on my script and learned basic camera functions and in the second quarter I filmed and edited my movie."

"I also worked in the Photography Lab, but I was in the Photo elective. I took thirteen photos in total, but in the end I only finished editing and printing three. It would surprise you how long it takes to edit photos on Photoshop Suite!"



Full Steam Ahead Christopher Adesanya (VII) takes a break after working hard on the field. "I'm just too hot to handle," Chris joked.

Young Blood Middle schoolers look upon their upper classmen in hopes to be as good as them one day.



Cutting Corners In the second half of the Holland Hall match, Tommy Nealon (VI) takes a corner kick. Roughly one out of five goals scored by the Hawks this season came from set plays like corner kicks.



Brighter than the Sun Max Schommer (VIII) squints and smiles because of the absolute brilliance of his team mates on the soccer pitch.

Kicker Jordan Pemberton (VI) skillfully splits two unknowing defenders in order to get a shot off on goal.



Warming Up About 45 minutes before the game starts the team takes the field and begin their pre-game routine. The captains lead the team in a series of stretches, drills, and sprints. From Left to Right:

- » Daniel Losson (VI) and James Flegle (VI) shake as they stretch.
- » Goalie Ben Lenzen (VIII) practices diving for the ball.
- » Connor Ryan (VII) practices his high kicks.
- » John-Michael Kinsella goes for the ball in a game of keep-away.
- » The GoPro camera captures the team's warm up jog.



Varsity Soccer returns to the playoffs

HEADERS & FOOTERS

Coach Walsh stated at the beginning of the season, the squad this year was not going to exist in the shadow of last year's squad - a team which finished as runners-up in the DI SPC tournament.

The offensive side of the team was as good as, if not better, than last year's squad. Striker Mark Dorsey (VIII) and central midfielders Kyle Rutledge (VIII) and Tommy Nealon (VI) delivered most of the goals this year, but not without the great passing of Xavi Anderhub (V), Esteban Pimentel (VII), and Jordan Pemberton (VI).

The tale of the SPC season is a good one. Coming off a hot

start with three straight wins against Oakridge, Trinity Valley, and Country Day, the Hawks hit a rough patch, dropping consecutive games to All Saints, Greenhill, and ESD.

Needing a win in the final minutes of a 0-1 deficit against arch rival St. Marks, Nealon came to the rescue with two goals only 30 seconds apart to give the Hawks a 2-1 victory and a guaranteed spot in the post-season.

The SPC tournament started very poorly for the Hawks with a first round loss to John Cooper, sending them to the consolation bracket. After two goals from Mark Dorsey (VIII), the Hawks were propelled into the consolation final.

Cistercian battled late into the second half against St. Andrews in the final and came out victorious after a game-winning header from Tommy Nealon (VI), thus making Cistercian the Division II Soccer Champs!



Kyle Rutledge (VIII) busts a move on his Holland Hall defender.

High School Tennis is

ALL ABOUT THAT ACE

"Take off!" says Coach Boyden as a ball is hit over the fence. Everyone who has ever played tennis knows the favorite saying of Coach Boyden, but this year he has rarely had to say it. "Why?" you might ask. Well that's because this year's team has featured some of the most consistent players in the school's history.

Many would have written off the Hawks at the beginning of the season after losing four players, but a lot of players stepped up their game this year.

Juniors Jack Rau and William Henry took over the second doubles spot and Seniors Connor Malin and Joe Durst played first doubles. Surprisingly, Andy Walsh came in and claimed the

first singles spot over the rest of the team. Seniors Stewart Schweinfurth and James Flaherty round out the team at second and third singles respectively.

One of the many wonders of the season was when James Flaherty won a set against SPC powerhouse Greenhill. It was the first set that a player from Cistercian has won against Greenhill in a very long time. James accomplished this impressive feat by slicing almost every shot that his opponent hit at him. This proved to be a very smart tactic as he won the set 6-0.

The team proved many of the doubters wrong and showed that they can play with the big boys of SPC.



Eye on the Prize Sophomore James Flegle returns a shot from an opponent during a match. James went on to win the point and eventually the game.

Good Game After a match, Seniors Joe Durst and Connor Malin shake hands with their opponents. Connor and Joe are the first doubles team for Cistercian and show great chemistry.



"Tween Senior James Flaherty hits a between the legs shot during practice. James stunned everyone, even his practice opponent who let the shot go right by him

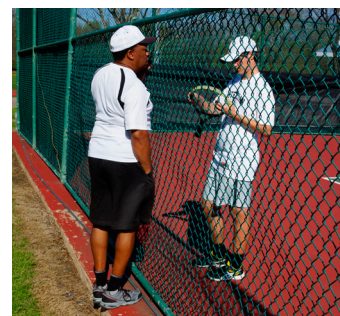


Get a Grip While taking a break during practice, William Henry gives fellow Junior Jack Rau some advice as Jack regrips his racket. Jack blamed his poor play on his old grip but William was having

You Talking to Me! Sophomore Danny Garda receives some critique on his swing from Coach Boyden. Danny is quite new to tennis, but he has picked up the sport very quickly.



Blake Storts and John Flaherty(VI)



Andy Walsh (VII)



Blast Off Topher Luzarraga (III) launches his rocket in front of his Form Master and teacher, Fr. Philip, as well as his mom who films the event on her iPhone. Topher was the first one to launch that afternoon.



Clockwise from top left:
 » Sam Gambow (III) measures the angle of the rocket's ascension.
 » Watching his rocket launch, Bruno Pasquinelli (III) observes the trajectory.
 » Smoke fills the air as Evan Anderson's (III) rocket heads toward the baseball field.
 » Like many students, Asim Adhikari (III) found time for fun during the launches.
 » Fr. Philip helps Paul Miller (III) load his rocket onto the launchpad.



Third Form Physics class gets ready to **ROCK IT!**

On the first day back from Spring Break, Monday, March 16th, Form III Science finally had a sunny, clear day to launch their rockets. The project had been delayed several times due to snow, rain or some combination of the two. Each student creates his own rocket, starting weeks before launch day to design, build and paint his project. Paul Miller said it took him three weeks to complete his rocket, putting in at least 13 man hours. Evan Anderson, who admitted to starting a bit later and doing most of the project at the last minute, said it took him only about 8 hours to put together a giant yellow and orange rocket. "The engine mount was the toughest part," he said, reflecting on the

building phase. "I made a mistake and had to fix it." Launch day is a competition, with each boy hoping his rocket out-performs his classmates' by going as high as possible. "Spotters" are placed 100 meters away from the launch pad, attempting to calculate the angle of its highest point, a measurement which can then be used to determine its altitude. Having watched the first few rockets launch, Anthony Peterman remarked "Mine's gonna be better than that!" Paul Miller, whose complicated rocket structure consisted of three parts which were supposed to disconnect and launch in different directions, said he was "more entertained than

disappointed" after his rocket crash-landed about fifteen feet from the launchpad. Paul's rocket wasn't the only one to fail to reach the clouds: Bruno Pasquinelli's rocket failed to launch two out of three times. "It's Matt's fault!" he said, jokingly blaming Matt Donohoe. "It launched once, and I'm pretty happy about that," he said, obviously not too disappointed in the afternoon. At the end of the period Fr. Philip attempted the 3-Rocket Launch, where a few rockets were re-packed and relaunched. Two of the three took off (Bruno's failed again...). "At least they were better than the ones in North Korea," Miles Karna exclaimed.

ISAS ARTS FESTIVAL

The ISAS arts festival is a three day festival entirely devoted to various arts, including music, drama, visual and film. The festival is hosted by a different school every year, with FWCD hosting this year.

After leaving school early, the Cistercian students bus out to Country



Day, to set up the panels displaying their art.

The whole day is devoted to art, so students can participate in workshops,

attend musicals and dramas, or listen to the all-day live coffeehouses. The Schommer brothers, Max (VII) and Christian (V), rocked in the rock coffee house with Max's singing of Stolen Dance by Milky Chance and Christians electric violin.



Another highlight of the festival was the showing of JEROME, a movie starring Jameson Clay (VII) and Patrick Mcglinchy (VII). The festival was a great way to make friends who are interested in similar things, as well as a great experience of the arts.



Arts Festers From Top to Bottom: Daniel Ortiz (V); Matthew Dorn (V) and Christian Schommer (V); Seniors Max Schommer, Ben Tilden and Jack Sargent

A Walk in the Park

1 - Jackson Summers and Julius Andrews chase Colin Bildner who carries the ball toward the end-zone.

2 - At the south end of the park is a "Kid Zone" - built specifically for kids age 11 and under (the perfect age for Form I!). Here a group poses near the top of the "atom" - a structure built for climbing.

3- Before playing the park or exploring the museum the students enjoy a sack lunch in the park.

4 - Gabriel Novisnki and Garrett Smith focus intently on the Foosball game located in the North end of the park. They could also play Ping-Pong, putt golf balls on a putting green or play board games along the central green area.



Hole in (Form) One While Callum Woodhouse watches awaiting his turn, Nicholas Frano lines up a putt on the putting green in Klyde Warren Park. The boys also found time to play foosball, tag and a couple games of football.

Come to Papa Fr. Gregory greets the Form I students with open arms, calling for a group hug before entering the DMA. He showed each group a series of paintings, sculptures and furnishings, explaining the artists, techniques and history of each piece.



Art Thug\$ Posing against the large mural outside the DMA elicits "tough guy" poses from one group of Form I students. Shortly after this picture was taken the boys headed across the street to the park for a game of football played above the 35E traffic.

Armed After walking through the museum with Fr. Gregory, Preston Schnorbach, Garrett Smith and Rhett Trusler walk arm-in-arm-in-arm through the park towards the green space to play football.



HEART OF DALLAS

Form I takes a trip downtown to visit the DMA and Klyde Warren Park

The excitement filled the room all morning. One parent said her son woke up at 4:00 am - simply unable to sleep even until the alarm went off. Knowing they had a couple classes before leaving, they tried their best to contain themselves through ELab and Social Studies.

And then, shortly after third period ended on April 1st, the day before Easter Break began, students in Form I got on the bus for their first Field Study. They were heading downtown Dallas, for a trip through the permanent collection of the Dallas Museum of Art along with a visit to Klyde Warren Park.

"It was fun looking at all the paintings and playing at the park," said Landry Pingel (I). "I

enjoyed it a lot. It was a fun day being with my friends."

The class was broken into three groups - each group cycling through the DMA with Fr. Gregory, then to the Center for Creative Connections, where Mrs. Medaille awaited them to demonstrate how to do certain arts and crafts projects, and then to the park where their Form Master, Fr. Anthony, supervised games of tag, football, foosball and other forms of entertainment.

"I had a lot of fun. We played football in the park and played on the jungle gyms," said Peter Ellis (I). "In the museum we looked at eleven paintings and pieces of art. My favorite was a painting called Iceburgs."