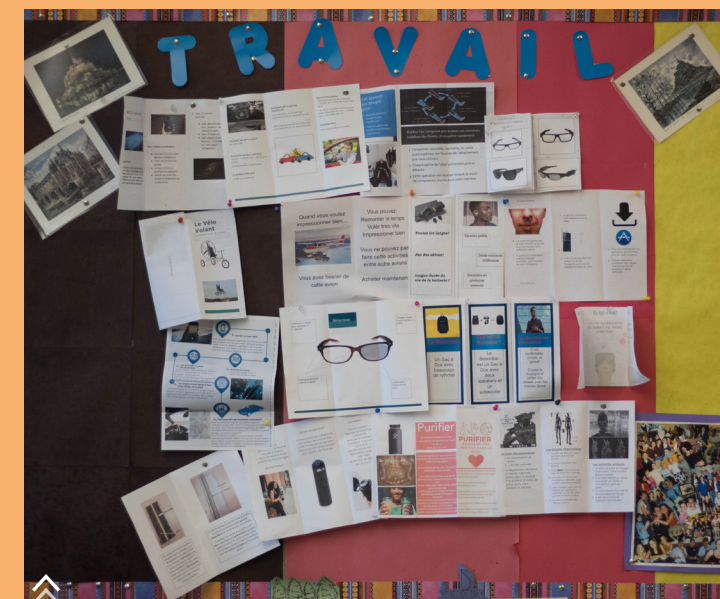
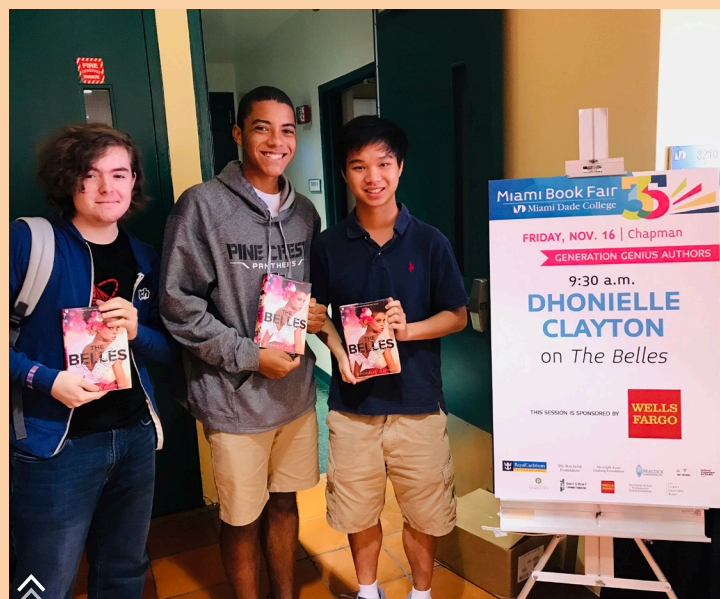


What HAPPENED

in the CLASSROOM

ENGLISH

WORLD LANGUAGES



NEHS FIELD TRIP Juniors Gabriel Moncau, Justin Guilfu and Andrew Chung prepare to meet Dhionelle Clayton, author of *The Belles*, at the Miami Book Fair. Students traveled to Miami with English department faculty members as a part of the National English Honor Society (NEHS) annual field trip to the Miami Book Fair and the Pérez Art Museum. At the fair, NEHS members

were exposed to hundreds of authors and books. Students gained a perspective into how the liberal arts can be applied in careers such as writing, helping the junior and senior members of NEHS plan for the future. Many attendees, including Emily Davidovic '20, said the trip to Miami gave them insight into all the arts available to them in a city close to home.

POEM ILLUSTRATIONS Students in Mrs. Kathleen Young's AP English Language classes were tasked with analyzing a prose passage and reconstructing the passages into poetry that reflected the many identities of home. Then, they illustrated a place they considered to be home to visualize what they were describing in their poems. Skylar Kronrad '21 said she enjoyed the project

because it allowed her to imitate a sophisticated style of writing. She wrote about camp because she said the energy of its atmosphere can change depending on the season, much like the original passage. This creative project allowed students to delve into the complex realm of poetry and form a personal connection by relating the passage to places they know and love.

STRUCTURE DESIGN AGAINST NATURAL DISASTERS Spanish IV students used the iLab to design homes that could withstand natural disasters that often face Latin American communities, such as hurricanes, earthquakes and floods. Sra. Patty Gómez and Sra. Irene Zingg gave students specific materials to build with, including cardboard, foam bricks and

hot glue. Brooke Cordoba '20 said she enjoyed decorating the house she designed at the end of the project, as well as the challenge of having to communicate with her team solely in Spanish. This project helped students familiarize themselves with the technology available in the iLab and apply the technology to help learn Spanish skills.

INVENT YOUR OWN GADGET In French III Honors, students created a new gadget or altered an existing one, and then used French to develop an advertising campaign, effectively incorporating business and STEM skills into a language class. Staying true to traditional marketing techniques, the students created posters to pitch their new idea to the class, who posed as a group of

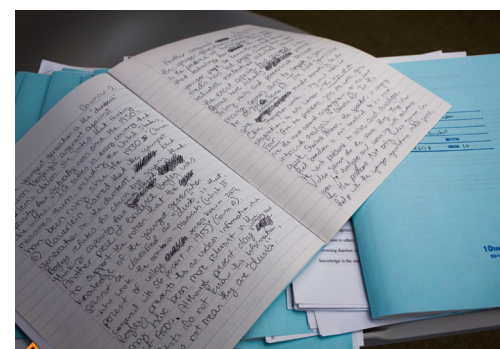
investors. After presenting the project, the class wrote emails to other students explaining how their peers' projects intrigued them. Emma Gómez '22 said she really enjoyed the project because it emphasized extemporaneous speaking in French, which helped her and her classmates apply their conversational skills to a real life business situation.

SCIENCE

PERIODIC TABLE ELEMENTS Gaining invaluable and applicable iLab experience, ninth grade chemistry students designed plaques to represent their assigned periodic table element, from Cesium to Barium, or even the lesser known Roentgenium. They depicted the element's atomic number and a potential use of the element on the plaque, exposing them to the periodic table that they used for the rest of the year. Students had all the iLab tools at their disposal, so they used creative designs. Their plaques varied in color and material, adding an informative decoration to the chemistry hallway and increasing their growing knowledge of periodicity.



words by Owen Seiner & Danielle Weisfisch
photos by Venice Junice, Haley Strauch & Aaron Gillego
design by Ishani Singh



BLUE BOOK ESSAYS English essays, DBQs and FRQs share a common thread: the blue book. A few blank lined pages with a blue cover were filled with copious amounts of information, including evidence, analysis, rhetorical devices, explanations and so much more.



LATIN WAX TABLETS Latin II Honors students worked in the iLab to create wax tablets like those in the Museum of London Archaeology. They utilized tools such as the laser printer to make a modern rendition of the ancient Roman tablets.



CELL MODEL DISPLAY Biology Honors students researched organelles and created infographics about their features. Then, the teachers put them on display in the science hallway as a gallery for students to learn about cells.

What HAPPENED

in the CLASSROOM

SOCIAL SCIENCE

MATH & COMP SCI



INDUSTRIAL REVOLUTION PROJECT Sophomores Madeline Hurt and Spencer Bauman present their model of a railroad to their AP U.S. History (APUSH) class. In APUSH, Mrs. Jaimee Rashbaum and Mrs. Stacy Nisman assigned their students to choose an innovation from the Industrial Revolution and construct a representation of it. Submissions encompassed innovations ranging from

functioning telegraphs to steam engines, allowing students to learn about the era's inventions. Isabella Arabia '21 said she made a model of the Erie Canal, which featured three stages of construction. Using the iLab's 3D Printer and laser cutter, students like Isabella were able to learn about the Industrial Revolution without the traditional mold of reading a textbook.

CONSTITUTION DAY Erin Wiegman '20, Emily Roy '20 and Deborah Ades '19 celebrate Constitution Day by eating snacks brought in by the class. Semester-long AP U.S. Government & Politics students celebrated the day the Constitution was ratified and the creation of American politics by contextualizing the document in ways they could relate to. Additionally, they

ate themed treats such as Mrs. Trish Everett's pumpkin cookies and a cornucopia of sweets brought in by members of the class. Emily Roy said she was enchanted by the celebration, which made her excited about the Constitution. She also said the pumpkin cookies helped encourage the class to be excited about the Constitution's adoption.

SOCRATIC SEMINAR Seniors Mark Rozencwaig, Ethan Smith and Jordan Zelch contribute to class discussion about the correct method to solve a problem. Ms. Jamille Hernandez's AP Calculus BC students participated in Socratic seminars to solve FRQs as a class, allowing students to share their own approaches. Eli Seiner '20 said he appreciated the

Socratic seminar as a break from regular math lessons so he could experiment with problems. The class engaged students by calling upon their critical thinking skills to apply their calculus knowledge. Students discussed, collaborated and referenced notes, but in the end, they were typically able to solve the problem and leave class satisfied with their work.

HACKATHON Chase O'Brien '21 focuses on his laptop amid the vigorous tapping of computer keys as students raced to solve the problems in Mr. Angel Perez's hackathon packet. Students involved in the Computer Science Club as well as students enrolled in one of the many computer science classes participated in the coding,

using any language of their choice. Given a packet with difficult problems to solve, hackathoners competed to answer the hardest problems, earning points for the level of expertise necessary to solve each problem. Students worked in teams to solve the problems, trying their hardest to edge the other students out and achieve a coveted hackathon win.

SCIENCE

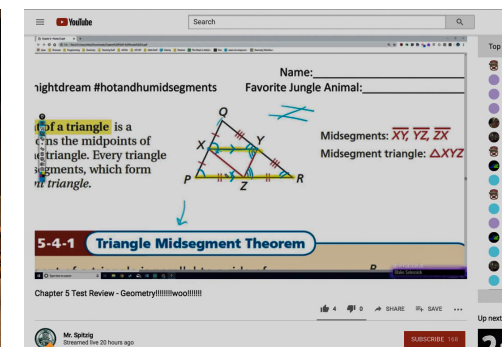
ROLLERCOASTER PROJECT Mrs. Naeemah Owens helps Elizabeth "Libby" Baker '19 and Alexandra "Alex" Giorno '19 construct their group's rollercoaster. AP Physics C students brought their knowledge outside of the classroom, designing roller coasters that demonstrated their understanding of advanced physics and calculus. Including flips, vertical drops and, in some cases, circular tracks, the students' roller coasters taught physics in a fun, approachable way. Alex Giorno said it was great being able to collaborate with friends and build the roller coaster with the materials from the iLab, since she not only learned the physics of a roller coaster, but she also learned how to use the tools in the iLab.



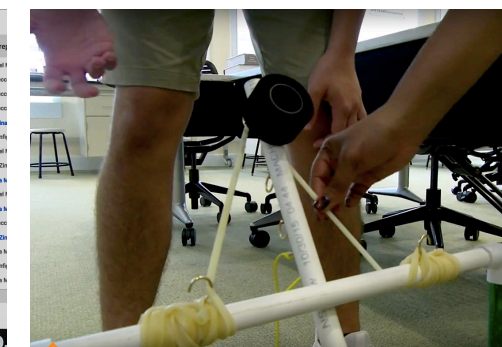
words by Owen Seiner & Danielle Weisfisch
photos by Haley Strauch, Ishani Singh, Emma Rende & Owen Seiner
design by Ishani Singh



CAPSTONE ESCAPE ROOM Learning to work together for their AP Capstone Seminar performance task, Brence Platner '20, Kevin Harvey '20, Zachary Goldstein '20 and Rayna Gordon '20 escape the room as a team.



LIVESTREAM STUDY SESSIONS Mr. Mark Spitzig livestreams a study session for his Geometry Honors class. These sessions, adopted by other teachers, gave students the chance to ask their teachers questions while they were studying at home.



ROCKET PROJECT Students in physics dove further into the world of STEM, combining engineering and physics to construct rockets that they eventually launched on the field.