

MARCH 2024

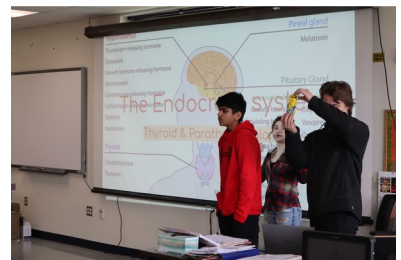
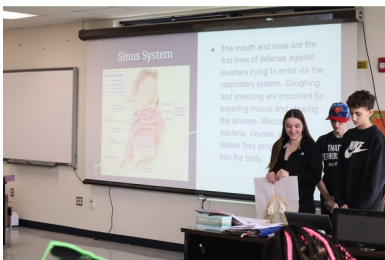
P-TECH OHM | MONTHLY NEWSLETTER

oneida-boces.org/ptech



The TECH Times

Science Classes Present Projects



This month, our living environment students created educational lessons on a variety of body systems and engaged in peer teaching. Mrs. Kovacs and Mrs. Stevens combined classes so all students could learn from one another. Each group presented their lesson to the class as the students took diligent notes. The groups also made models of their chosen systems out of clay and other materials. In addition to presenting information in slideshow format, they went over their models with the class.

Mrs. Plock's physics classes also initiated a project this month. The physics students practiced launching rockets in preparation for an upcoming opportunity. The students have been divided into three teams. Each team will create three products to enter into the American Rocketry Challenge. They will begin by launching rockets with the goal of attaining the minimum qualifying height of 820 feet and 42 to 46 seconds of flight. They will also make a video showing their rockets, practice launches and other steps they have taken to reach their goal. The last product will be a presentation explaining their rocket's design and their decision-making throughout the process. Click the link below to learn more about the American Rocketry Challenge!



The American Rocketry Challenge | World's Largest Student Rocket Contest

The American Rocketry Challenge is the world's largest rocket contest with nearly 5,000 students nationwide competing each year. The contest gives middle and high school students the opportunity to design, build and launch model rockets and hands-on experience solving engineering problems. Learn More Hardin Valley Academy Team 1, from Knoxville, Tenn., placed fourth today in the International Rocketry Challenge at the Paris Air Show, held at the Paris-Le Bourget Airport.

[🔗 rocketcontest.org](http://rocketcontest.org)

Industry Challenge Kickoff

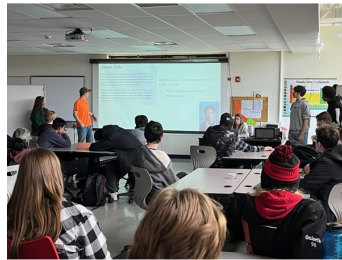


On March 4, representatives from Trenton Technology presented to P-TECH sophomores about the industry challenge. The students are tasked with creating an alignment jig for assembling a heatsink and MOSFET that will allow the assembler to properly align the parts and torque them. Students will work both independently and collaboratively on this project. They will utilize the engineering design process to create a solution to the problem. Students will also research and brainstorm ideas while utilizing a decision-making matrix. Additionally, they will create working

drawings, a mock-up and STL file. They will eventually 3D print their final product. Trenton Technology partners will visit the program and give the students feedback on their projects throughout the process.

At the end of the project, students will present their design decisions, drawings, an overview of the final product and a demonstration of the product in use to Trenton Technology. The partners will take the students' solutions back to their facility to test them on their production floor. They will then select the winning design based on employee feedback. The winning team will receive a prize and Trenton Technology will implement their design! Good luck students!

P-TECH PRIDE Day



P-TECH PRIDE represents the program's core principles of Partnership, Respect, Innovation, Diversity and Excellence. For one day each month, the program steps away from regularly scheduled classes to provide programming focused on these core principles.

This month, the P-TECH students practiced partnership by working with the Daneli Partners. The students learned about professionalism in the context of job interviews. They studied interview etiquette, including the importance of a proper handshake and introduction. Students worked together and role played the introduction and handshake and practiced talking to each other about their backgrounds and skills. They also reviewed their skill profiles. The guest speakers taught them how to refer to their strengths when answering interview questions. Later on in the day, students participated in teambuilding activities, getting to better know their peers and honing their leadership and communication skills.

Lastly, a capstone project came to fruition as P-TECH seniors who are also enrolled in CTE programs presented to P-TECH sophomores about their coursework. They talked about what their CTE programs entail and highlighted students who participate. They also covered how these programs relate to available MVCC majors.

P-TECH PRIDE: Excellence at MVCC

P-TECH student Jadin Staring, from the New York Mills Union Free School District, is currently taking courses full-time at Mohawk Valley Community College (MVCC). He was recently inducted into the Phi Theta Kappa International Honor Society, which requires a minimum of a 3.5 GPA. In addition to his strong performance in the classroom, Jadin tutors students with learning disabilities. He also assists these students professionally by preparing them for job interviews.

Furthermore, Jadin is working for MVCC's office and interning with Indium. We are proud of Jadin and all he has accomplished!



Student Ambassadors



Freshman - Layla Carbone

Layla is from the Utica City School District. Teachers recognize Layla's work ethic as she actively engages with class material and seeks help outside of class. She is a dedicated student who works well with her peers. Layla exhibits a positive attitude and contributes to a welcoming atmosphere in classes.



Sophomore - Brooke Coffin

Brooke is from the New York Mills Union Free School District. She is a polite and professional student who represents the P-TECH program well. Brooke was recently noted as a leader on a volunteer field trip experience where she happily supported people who needed her help. Brooke significantly contributes to P-TECH's positive reputation.



Junior - Mariam Suhail

Mariam is from the New York Mills Union Free School District. Teachers note Mariam's outstanding effort in classes. She also has excellent attendance and is a strong team player. Mariam takes leadership roles in projects and is an excellent communicator.

Academic Club

Event Information

Academic Club: Students can stay until 3:30 with their own transportation to get academic support.

When?

Wednesday, Mar 20, 2024, 02:00 PM

Where?

4747 Middle Settlement Road, New Hartford, NY, USA

 [Open maps](#)

Fundraiser | Sweet Frog, New Hartford

Event Information

Fundraiser

Proceeds from P-TECH fundraisers go toward special events at the end of each school year. This year, the students are going on a field trip. You can support this fundraiser by showing a physical or digital copy of the flyer at checkout to donate 20% of your total to P-TECH OHM. See the flyer below. Thank you for your support!

When?

Wednesday, Apr 10, 2024, 04:00 PM

Where?

Sweet Frog Frozen Yogurt, Clinton Street, New Hartford, NY, USA

 [Open maps](#)



Sweet Frog Flyer

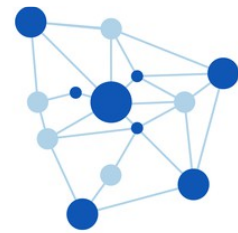
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Pathways in Technology Early College High School

A partnership between the Oneida-Herkimer-Madison BOCES, Mohawk Valley Community College, and Mohawk Valley EDGE.

 www.oneida-boces.org/ptech |  315.793.8666

 4747 Middle Settlement Road, New Hartford, NY 13413



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