

MV STEAM

2023

Newsletter

STEAM Rises!

September



Welcome!

Vision

The vision of the Mount Vernon STEAM Academy is to prepare students for success in the 21st century by providing equitable, rigorous, and innovative learning opportunities across all content areas through a STEAM lens.

Mission



We will promote active learning and challenge our students to take full ownership of their education centered around the 4Cs (critical thinking, communication, collaboration, and creativity) and 5Es (engage, explore, explain, elaborate, and evaluate). We encourage our students to identify and recognize their skills, talents, and passions.



NO place
for
HATE



STEAM Rises!

STEAM Creed

STEAM rises! I'm all the way up!

Nothing can stop me! I'll rise all the way up.

Nothing can stop me! I'll go all the way up.

Nothing can stop me. I'll press all the way up.

Nothing can stop me! I'll stay all the way up.

Nothing can stop me! I will never give up!

Nothing can stop me! I'll dream all the way up.



We are the **STEAM Academy**, thriving in an advanced **global economy**. Together, we will believe and achieve. We will study hard and succeed.

We will lead by example through our actions, decisions, and interactions. We will **collaborate** and investigate. We will conduct research and **innovate**.

We will ask questions and find **solutions**. We will develop and utilize our talents in every opportunity, to better ourselves, our school, and our community.

We will give our best and nothing less. We will resist complacency, use all our **energy**, and move full steam ahead towards our destiny.

We are **MVSTEAM**, and we're all the way up!

STEAM Attendance for September 2023

Grade 9 – 89%

Grade 10 – 93%

Grade 11 – 91%

Grade 12 – 90%



Class Advisors

Class of 2024 – Ms. Jimenez and Ms. DeSimone

Class of 2025 – Ms. Oliva and Ms. S. Brown

Class of 2026 – Ms. Stanton and Mr. Candido

Class of 2027 – Mr. Claro

Upcoming Reminders:

No Place For Hate Kickoff for National Bullying Prevention Month – October 12th

PTA Meeting – October 12th 6:00-7:00 pm

Door Decorating Contest- must be completed by October 16th

Senior Night – October 19th 6:00-8:00 pm

Mini College Fair - 10/16 through 10/20

Hispanic Heritage Luncheon October 20th (periods 5-7)

PSAT exam – October 23rd

SAT (for Seniors) – October 26th

STEAM Day #2 – October 26th



No SCHOOL

October 9th (Indigenous People's Day)

No School for Students

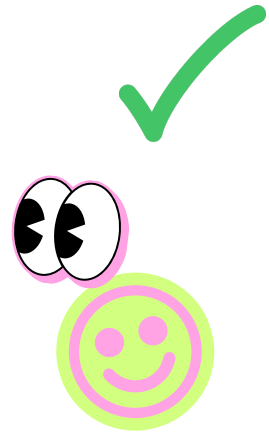
October 18th (Superintendent's Conference Day)

- Frequent Formative Assessment (FFA) #1
- Humanities - October 24th and 25th
- STEM - October 27th and 30th
- Makeup Day – October 31st



STEAM Rises!

STEAM Challenge Activity



The excitement of the new school year at Mount Vernon STEAM Academy kicked off with a dynamic team-building activity. In this engaging activity, educators took on a **STEAM Challenge**. This creative endeavor required them to work together in groups to build a Truss Bridge using spaghetti and marshmallows in twenty minutes. The challenge fostered camaraderie and showcased the core principles of STEM education, emphasizing the vital 4 Cs: critical thinking, communication, collaboration, and creativity. Through this hands-on experience, teachers bonded as a team and set a spirited tone for the academic year ahead.



A Look at our
First STEAM
Day of the
Year!



STEAM Day!

September 28th, 2023



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STEAM Day!

Highlights

A Look at our
First STEAM
Day of the
Year!

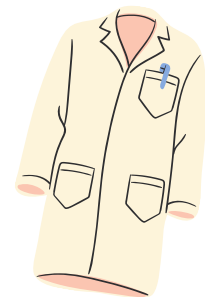
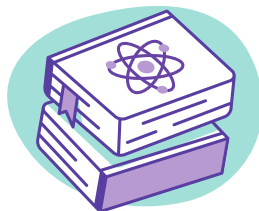
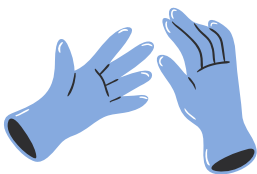
The **Mount Vernon STEAM Academy** hosted its first monthly STEAM Day on Thursday, September 28th, dedicated to promoting science, technology, engineering, arts and mathematics (STEAM) education. The full day event engaged students in various activities, featuring guest speakers to spark interest in STEM fields.

One of the highlights of STEAM Day was a presentation in the auditorium by guest speaker **Dr. Greenidge-Hewitt**. Dr. Greenidge-Hewitt an African American gynecologist with a specialization in robotics surgery, shared her journey to success with the female students in the auditorium. Her story served as encouragement for young women to pursue STEM career pathways.

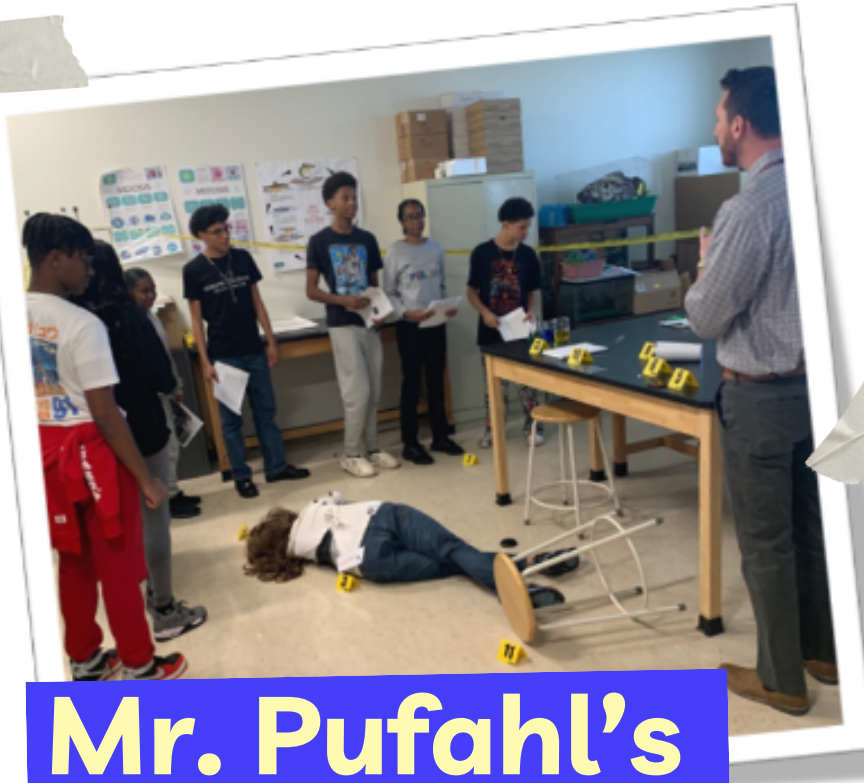
In addition, **Ms. Wiltshire**, social worker, engaged with our 9th and 10th graders. She facilitated a discussion on the dangers associated with drug and alcohol use, stressing the importance of making informed and responsible choices.

There was also a **SNUG presentation** in the cafeteria, promoting unity and fostering a sense of community among students.

The grand finale for STEAM Day took place in the auditorium with a wellness assembly. Students were provided with information to help them lead healthy and productive lives.



A Look
Inside the
Classroom!



Mr. Pufahl's

Crime Scene Setup



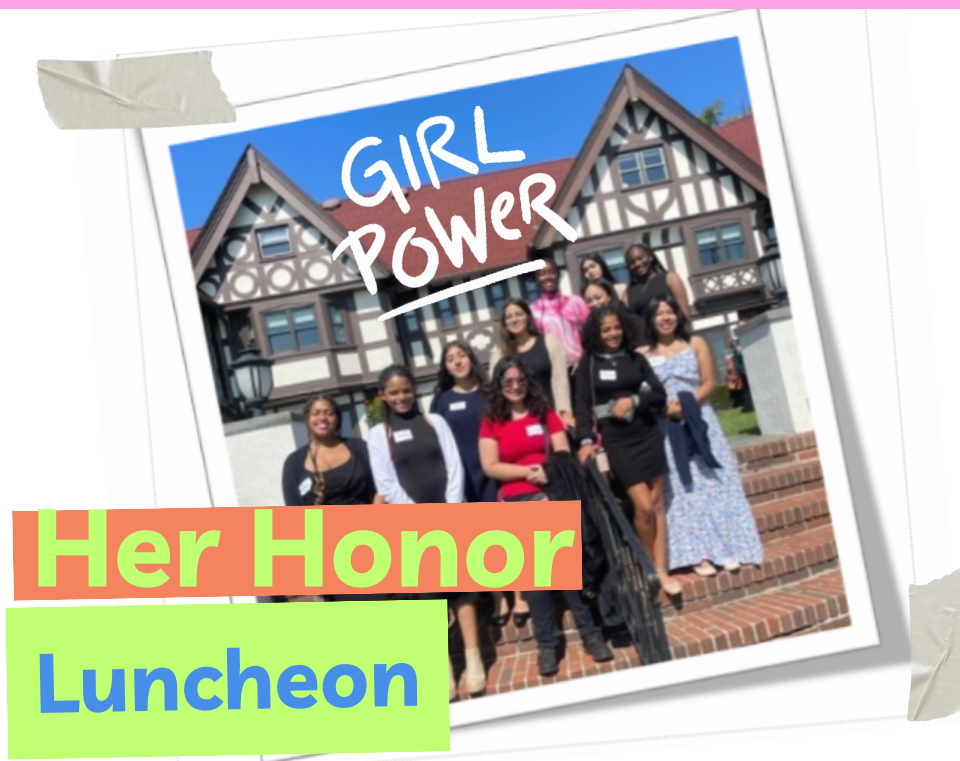
Principles of Biomedical Science – Crime Scene Set-up

The *Mount Vernon STEAM Academy's popular Principles of Biomedical Science* classes enjoyed authentic hands-on learning orchestrated by Mr. TJ Pufahl.

As part of their **Project Lead The Way (PLTW)** studies, student groups were tasked with discovering and processing mock crime scene evidence.

Mr. Pufahl shared that, "Our students were excited to participate in the workings of processing a **simulated crime scene**. They carefully observed, measured, recorded data, and thought critically. Each student was engaged in learning and using new skills."

STEM Administrator **Mr. John Piteris** added, "Our faculty and students are absolutely rising with STEAM. The expansion of collaborative opportunities such as this enrich the experiences and success of our learners every day."



The MV STEAM Academy students attended the Her Honor Luncheon kickoff at the Larchmont Shore Club, which was an unqualified success, leaving everyone in attendance with smiles on their faces and memories to cherish.

One of the highlights of the afternoon was the interaction between students and their mentors. Esteemed professionals from various fields graciously volunteered their time to guide and inspire the next generation of mentees. The mentor - mentee interactions were insightful, fostering a sense of curiosity and ambition among the young attendees.

The Shore Club's elegant ambiance, manicured lawn and many amenities lent an air of sophistication to the event. Attendees reveled in the serene surroundings, making it a memorable experience for all.

Students commented, "it was a new and rich experience. I hope to continue and strive in the future so I can have many rich experiences." Another student responded "In the Her Honor luncheon, I felt very motivated to strive deep in life and become ready for college and my future career. It gave me motivation and excitement to be able to open new doors for myself to explore in."

In conclusion, the event at the Shore Club was a resounding success, where students not only enjoyed themselves but also had the invaluable opportunity to connect with mentors. The serene setting of the country club added to the overall charm, making it an event that will be fondly remembered by all who attended.





Parent Liaison Welcome Letter



Greetings Parents,

My name is Penika Anderson, and I am the Parent Resource Center Coordinator assigned to Steam Academy. My goal is to strengthen the partnership between you and your child's school to achieve academic excellence.

This year I will be coordinating events that will provide the support you need to be a successful participant in your child/children's achievement. I welcome all families to participate.

Information on upcoming parent workshops and meetings will be communicated to you through notices sent home with your child/children. Good communication between home and school a vital part of your child/children's success.

Please feel free to contact me at (914)308-4231 or panderson@mtvernoncsd.org.

See You Soon,

Penika Anderson
Penika Anderson
Parent Resource Center Coordinator



Staff of the Month – Ms.Guziczek



Welcome to the STEAM Family!



Mr. Adler

Ms. Carroll

Mrs. Weiss-Roberts

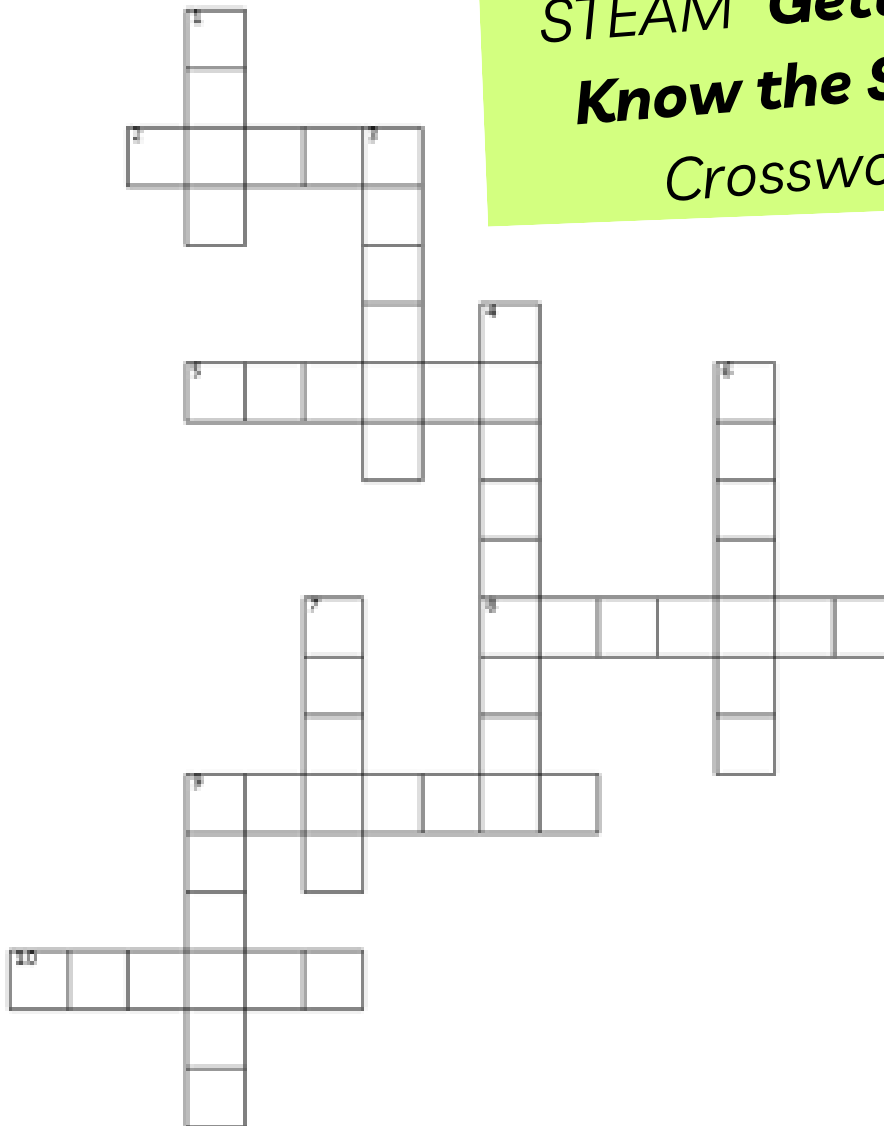


MV STEAM

Crossword

STEAM **"Getting to
Know the Staff"**

Crossword



ACROSS

- 2. Attendance teacher
- 5. New Physics teacher
- 8. A new English teacher
- 9. A new Social Studies teacher
- 10. Principal

DOWN

- 1. Head of Security
- 3. Head Custodian
- 4. New Living Environment teacher
- 6. Head of the STEM department
- 7. Security guard
- 9. A new English teacher



Hispanic Heritage Month

Celebrate the Work of **Key Figures in Latino History** (Taken from the National Museum of American Latino)

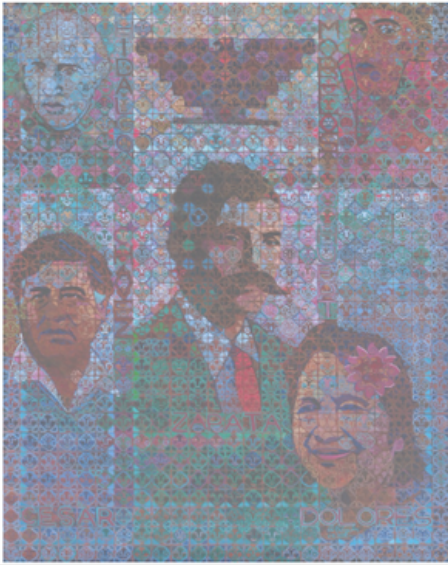
Hispanic Heritage Month offers an opportunity to learn about and celebrate the diversity and resilience of American Latinas and Latinos.

Latinas and Latinos have been transforming their **communities** as activists, writers, scientists, entertainers, athletes, military veterans, entrepreneurs, and more. Key figures in Latino history include:



Hispanic Heritage

Month



Cesar Chavez– A civil rights activist who was a leader in the fight to improve working and living conditions of farm workers in the United States. Chavez co-founded the National Farm Workers Association in 1962 alongside Dolores Huerta, which later merged with other unions to become the United Farm Workers of America.

Dr. Ellen Ochoa– Dr. Ochoa became the first Latina to go to space in 1993 as she flew aboard the space shuttle Discovery. She later became the Johnson Space Center's first Latina director, and her journey continues to inspire many others.



Hispanic Heritage

Month



Supreme Court Justice Sonia Sotomayor-

Born in New York City to Puerto Rican parents, Sotomayor earned degrees from Princeton University and Yale Law School through her determination and discipline. Sotomayor went on to continue demonstrating resiliency and broke boundaries in 2009 as she became the first Latina and third woman to serve on the Supreme Court of the United States

Lin Manuel-Miranda – As the creator and original star of Broadway's Tony-winning musicals *Hamilton* and *In the Heights*, Miranda is a groundbreaking composer, playwright, and actor. The Pulitzer Prize, Grammy, Emmy, and Tony Award-winning entertainer continues to be active in his support to increase the representation of people of color



Hispanic Heritage

Month



Olga E. Custodio– Born in San Juan, Puerto Rico, Custodio served in the United States Air Force for 24 years and made history as the first Latina US Military pilot.

Carolina Herrera– Inspired by European travels and attendance at fashion shows, Herrera launched a clothing brand in New York in 1981. The fashion designer's brand continues to be a staple in American culture, known for timeless, stylish pieces



Hispanic Heritage

Month



Oscar de la Renta - Born in Santo Domingo, Dominican Republic, Oscar de la Renta went from being a young immigrant to a globally renowned fashion icon and innovator. De la Renta began his career at a young age, while studying painting in Spain, where he would sketch dresses for extra money in his free time. This work was the beginning of a long, groundbreaking career in fashion which would see de la Renta become the first Dominican to design for a French couture house, have his designs worn by movie stars and first ladies, and launch a clothing brand that would become synonymous with elegance, innovation, and luxury.

**HISPANIC
HERITAGE
MONTH**

MVSA

**CLASS OF
2024**

The MV STEAM
SENIOR CLASS
OF 2024
PRESENTS

**SPANISH
LANGUAGE FAIR
'RISING SPANISH VOICES'
LUNCHEON**

INCLUDES:

**MUSIC
DANCES
SINGING
ARGENTINIAN TANGI
SPANISH POETRY**

**TICKETS:
ADULTS: \$15
KIDS: \$10**

**OCTOBER 20, 2023 5TH - 7TH
PERIOD LUNCH**

**COME ENJOY WITH US AS
WE CELEBRATE HISPANIC
HERITAGE MONTH AND
LEARN ABOUT DIFFERENT
COUNTRIES!**

Clubs and Activities 2023



Art Club

Chess Club

Drama Club

Esports Club

Faith and Friends

Foreign Language Club

Gamer's Club

Great Potential

Her Honor

Math Club

Media Club

Music Club

My Brother's Keeper

National Honor Society

PRIDE Club

SHAPE Club

STEAM Knitwits and Craft

Student Government

Net Games Club

