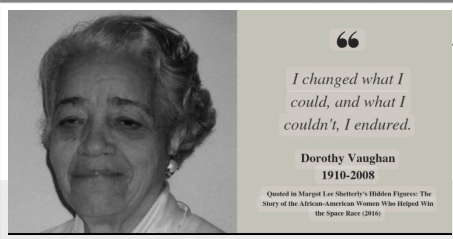


MOSAIC NEWS

Newsletter Week of 2/3/25-2/7/25



Highlight of the Week!

Known as a “human computer,” **Dorothy Johnson Vaughan** was part of a team that did mathematical calculations to help launch satellites—and later humans—into space. The group used math to help engineers figure out how wind and gravity affects aircrafts.

When she was first hired to work on the space program, Vaughan's department was segregated, or separated, by race. She and the other African-American women in her unit used separate dining areas and bathrooms. Six years after she was hired, Vaughan became the manager of her division and its first Black supervisor.

A decade later, the agency desegregated and she joined the Analysis and Computation division, where she learned computer programming and worked on the program that launched John Glenn and other astronauts into space for the first time. The accomplishments of Vaughan and other female African-American mathematicians was the focus of the book and



Eighth-grade students have been exploring the story of the Little Rock Nine and their pivotal role in integrating schools in Little Rock, Arkansas. Students studied that through their perseverance, these students helped challenge racial discrimination in the South during a time of widespread resistance to school integration.

As part of their learning, students examined the roles of both state and federal governments, analyzing their differing stances on integration. They engaged in discussions about the impact of Governor Orval Faubus and President Dwight D. Eisenhower, evaluating how their decisions shaped the outcome of school desegregation.

By analyzing timelines and historical articles, students gained a deeper understanding of how individuals and groups either supported or opposed integration. They also studied *The Lost Year*, considering the long-term effects of school closures on students and the broader community.

Ultimately, students synthesized their learning by recognizing that individuals have the power to shape society, reinforcing the importance of civic action and perseverance in the fight for justice.

Written by: Mrs. Wolberg

CONTAIN THE BLAZE

LA County is working to contain four major fires. Firefighters have started to make progress on the Hurst and Kenneth fires. The largest fire is named the Palisades fire, which is only 11% contained and has begun threatening communities. Firefighters have been working non-stop since the fires began a week ago and are scrambling to contain the blaze.

Written by: Student

ENERGY IN SPORTS

Physics can contribute significantly to sports through the concept of energy. Skateboarders use the power of energy to defy gravity. In archery, energy is utilized when the arrow is being pulled back, as the bow and string store energy. Pole vaulters and high jumpers arch their bodies above the bar to position themselves, creating a center of mass beneath the bar to use less energy. Award-winning Olympic athletes excel based on their effective use of energy.

Written by: Aroush

UPCOMING EVENTS.

FEB 09

Girls/Boys Basketball Game

Come out and cheer on the girls and boys basketball teams this Saturday at Senn High School. Boys game will begin at 1 pm and the girls will follow at 2 pm.

FEB 12

MSA After School Event 3:30-4:45 pm

MSA will be hosting an after school craft party. Join us in making bracelets, coloring sheets, valentines, origami, holiday lanterns, henna, and pipe cleaner star/moon. Bracelet and Henna will cost \$each. Snacks cost \$1-\$2

FEB 13

Valentine Day dance 4:00 - 6:00 pm




Get ready to dance the day away at our Middle School Valentine's Dance! Grab your friends, dress to impress (or keep it casual!), and enjoy a day of music, fun, and sweet treats. Whether you're showing off your best moves or just hanging out, this is the perfect way to celebrate friendship and fun. Don't miss out—see you there!

FEB 17 & 25

No School President's Day & PD Day

There will be no school on President's Day February 17th and the 25th which is a professional development day for teachers.

February Spirit Week 2025

February 10, Monday	February 11, Tuesday	February 12, Wednesday	February 13, Thursday	February 14, Friday
Find your Comfort (Pajama Day)	Find Your Match (Twin Day with your Mosaic Shirt or Any alike outfit with one or more of your friends, siblings.)	Day of Unity (Coming together as a community to celebrate achievements in Black history)	BLACK EXCELLENCE DAY (Wear ALL BLACK to show Solidarity for the celebration of Black History Month)	Valentines Day (Spread Some LOVE and KINDNESS)
		 <p>PreK-K- YELLOW 1st-2nd- GREEN 3rd-5th RED 6th-8th BLACK</p>		 <p>PK-2ND PINK 3RD-5TH WHITE 6TH-8TH RED</p>

By Changemakers & Sports Journalism