

Ambassadors Newsletter

April 2025

ALL OF APRIL !

STEM Ambassadors hit April with full steam! From Science Day to Take Your Child to Work Day to STEM expos, STEM Ambassadors engaged with students to teach them more about STEM. Here is what we accomplished this month!



Rockville Science Day!

STEM ambassadors participated at Rockville Science Day alongside Professor Penn at MC Rockville Campus!

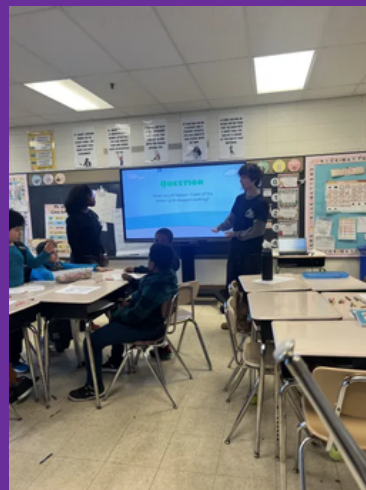
They played fun and interactive math games with bean bags and center of mass toys, introducing kids to intriguing math related topics!

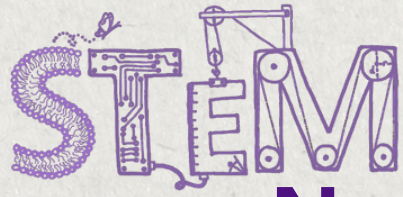


Take Your Child to Work Day!

MC STEM Ambassadors helped out with Take your Child to Work Day around campus, quizzing children on STEM subjects and engaging them in STEM!

What is it? Take Your Child to Work Day is a special event that gives kids a chance to see what their parents or guardians do at work. It also lets kids explore the workplace and learn about different careers firsthand in an engaging and fun way!



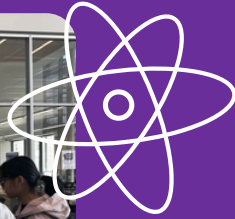


Ambassadors Newsletter

April 2025

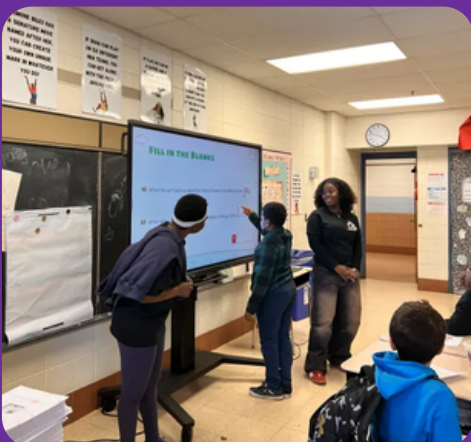
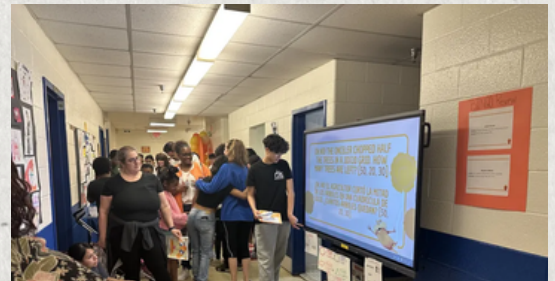
STEM Avenue Hits the Streets!

The MC STEM ambassadors are continuing STEM avenue. MC Students are participating in STEM trivia around all campuses! These STEM trivia sets range from Physics to Chemistry to Coding. Interact with these events and earn the chance to earn prizes!



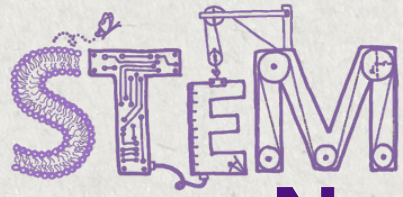
Summit Hall STEM Expo

The STEM Ambassadors ran a bingo table where the trivia and bingo sheets reflected the Lorax theme STEM concepts the students had learned in events they had done throughout the day! Through this, we were able to reinforce concepts regarding the power and importance of trees. The STEM Ambassadors had a great time volunteering during this exciting event, where they were able to share knowledge on the importance and science of the environment!



Mathical Madness!

STEM Ambassadors went to Waters Landing Elementary School for a two-day Mathical program. On the first day, the ambassadors introduced the students to basic biology concepts and connected those ideas to real-world examples like animal classifications, plant types, and various ecosystems. This helped them understand how living things interact with their environment. On the second day, they focused on the water cycle, guiding the students through each stage and emphasizing its importance to life on Earth.



Ambassadors Newsletter

April 2025

Meet the Council Member

STEM Ambassadors, alongside Honors and PTK students, had the exciting opportunity to meet Montgomery County Councilmember Marilyn Balcombe! A strong supporter of Montgomery College, Councilmember Balcombe spent time connecting with students and learning about our academic experiences and campus involvement



Planetarium Show!

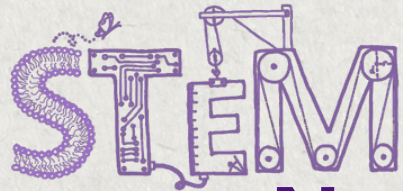
STEM Ambassadors had a stellar time volunteering at the Planetarium Show in Takoma Park! From dazzling constellations to jaw-dropping visuals of the cosmos, the immersive dome experience had everyone in awe. Dr. Fitzgerald led an amazing presentation, and she's inviting students to learn how to operate the planetarium tech to host future events on astronomy, physics, or even movie nights! If you're interested in learning, she's happy to teach and work with your schedule — reach out!



Scientist Spotlight:

Anna Mani was an Indian physicist and meteorologist known as the "Weather Woman of India." She made major contributions to the study of solar radiation, ozone, and wind energy. This was long before climate science was a global priority. Mani helped standardize weather instruments across India and authored over a hundred scientific papers. Fun fact: She originally wanted to study medicine but chose physics instead - and ended up helping build India's meteorological infrastructure from the ground up!





Ambassadors Newsletter

April 2025

Viers Mill STEM Expo

STEM Ambassadors did an activity which was a balloon inflation experiment using baking soda and vinegar. We wanted to show the students how a basic chemical reaction can create something exciting and visual, and it definitely did. We loved being able to explain the science in a way that made sense to them and seeing them so engaged in the process. It also helped us grow as communicators and leaders. It reminded us why interactions like this are so important—not just to inspire kids to love STEM, but to build a future generation of thinkers and problem solvers.



Upcoming events - Get Involved!

STEM Night at Fairland Elementary School
-May 1st

Clopper Mill Elementary School Science Fair
-May 1st

Math and Reading Academic Carnival Night
-May 8th

Interested in Making an Impact? Apply To Become a STEM Ambassador!



Join us to share your love for science, technology, engineering, and mathematics with our Montgomery College community. As a STEM ambassador, you will have the opportunity to participate in and support community events both on and off campus. For more details and the application process please scan the QR code or email professor Nafeesa Azizi at nafeesa.azizi@montgomerycollege.edu