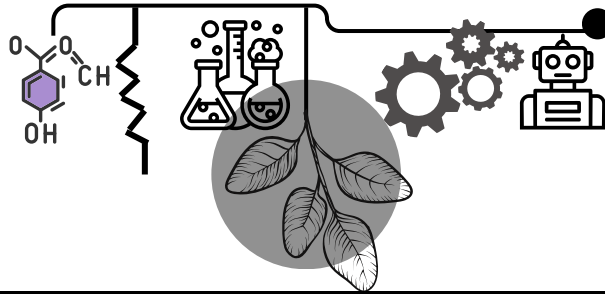


# STEM AMBASSADORS

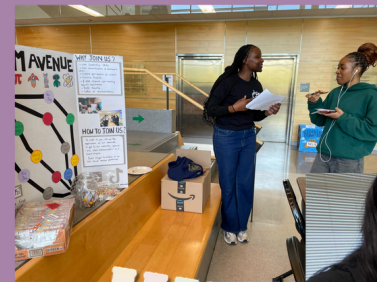


## STEM Ambassadors & The Mini-Raptors

STEM Ambassadors recently hosted an engineering challenge where students designed and built towers using paper towels and limited materials. This activity pushed participants to merge structural integrity with artistic expression, as they decorated their builds with markers and stickers. To conclude the event, students and parents participated in a community vote to crown winners based on stability, weight-bearing capacity, height, and creativity.

## STEM Avenue

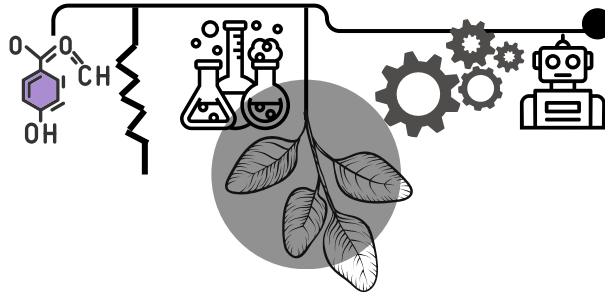
The STEM Ambassadors hold STEM Avenues every week, which are interactive walkways filled with fun trivia and problem-solving challenges designed to get people excited about science, technology, engineering, and math. The event creates a lively, educational atmosphere that encourages curiosity, teamwork, and friendly competition among everyone who participates. Join us in our future STEM Avenues, and you can win some neat prizes!



## Fairland ES STEAM Night

Hoover Middle School students were not the only wizards with the wind as STEM Ambassadors flew to Fairland Elementary School for their STEAM Night. STEM Ambassadors continued their lessons on wind turbines and learned about their importance. With a miniature turbine, students saw the power of the turbines in action

# STEM AMBASSADORS



## Cedar Grove Elementary STEAM Night!

STEM Ambassadors flew over to Cedar Grove Elementary, hosting engaging, hands-on workshops for local students. One station explored aerospace engineering through the construction of paper helicopters, where participants learned the physics of flight. Nearby, the 3D printing station brought technology to life by creating the school's bear mascot, giving students a firsthand look at the mechanics of additive manufacturing. Both sessions sparked incredible curiosity,

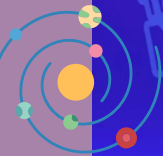
## Hallie Wells Mathicals and Mentorship

The impact of the MC STEM Ambassadors expands at Hallie Wells through continuous mathematical sessions and the addition of mentorship sessions. Students are currently building on their Python skills to code final games, which they will present at the Hallie Wells STEAM Night. In a separate project, different STEM Ambassadors are mentoring a group of young inventors on a boat prototype involving magnetism. Both efforts will be featured as individual displays at the Hallie Wells STEAM Night next month, highlighting the students' progress in both computer programming and physical engineering.

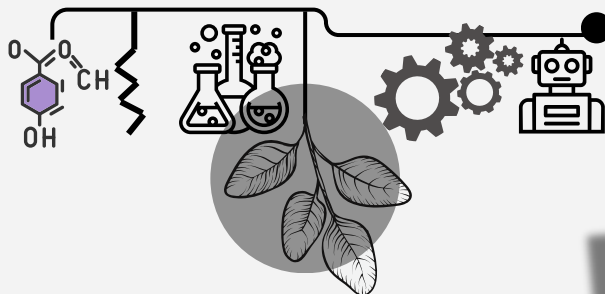


## A Memorable Night Under the Stars

Our STEM Ambassadors recently helped host a brilliant evening beneath the stars by managing guest check-ins at the planetarium. Attendees were treated to a take-home star map to continue their celestial exploration, and those who attend ten shows can earn stamps toward a special prize! It was a stellar night of community and discovery, so be sure to catch a show and start collecting your stamps!

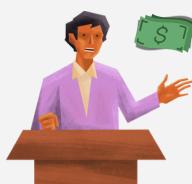


# STEM AMBASSADORS



## 3D Printing for All and Competition

The 3D Printing for All program is back! Anyone can attend these free classes that provide 3D Printing education. There will be a competition held at the end of this semester! Do not miss the opportunity to win a FREE 3D PRINTER. To be eligible, you must attend one 3D Printing for All class. For more information, scan the QR code on the flyer. We hope to see you there!



## STEM Ambassadors Help Power in Purple!

STEM Ambassadors helped represent Montgomery College by attending a recent County Council hearing to support our school's budget. Wearing purple to show their school spirit, our Ambassadors stood alongside students from all over MC to speak up for affordable tuition. It was a great opportunity for our scholars to see how local government works and to show council members how much our college community cares about its future.



## 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 on the application process please scan the QR code or email Professor Nafeesa Azizi at nafeesa.azizi@montgomerycollege.edu.

