

OMMS STEM BULLETIN 10/1/2022



Congratulations to our October STEM students of the month!

6th: Hayden Hatcher

7th: Deangelo Purnell

8th: Gianna Bernhardt



**Student and families, enjoy the Maryland STEM Festival
Oct. 14—Nov. 13th**

Theme- Cybersecurity and Information Technology

<https://marylandstemfestival.org>



**OMMS Cyber Defender Day is back!
Saturday, October 15th 10 am—1:15 pm**

This is a required STEM Saturday for all STEM magnet students and is a family based event. Students are accompanied by an adult family member to enjoy an interactive visit in the OMMS cafeteria where there will be a variety of exhibits and interactive stations. Siblings may join in. No student drop-offs. AFCEA,, Northrop Grumman, Lockheed Martin, NSA, USNA and more are represented among our exhibitors. See the flyer with venue times. This is DROP IN, so stay for as long or short a time as you like. Changemaker STEM 8 teams working on projects that morning may enjoy the event when they finish their team meetings.

Upcoming STEM Fall Events

Mark your calendars. Times to be provided.

STEM Saturdays Fall— Winter (Tentative)

October 1st—STEM 7 Annapolis Maritime Museum

October 15th—Cyber Defender Day—STEM 6,7 & 8

October 29th—STEM 7 or make-up day Morgan State STEM Festival

November 12th—STEM 6 Saturday (Venue TBD)

STEM 8 Changemaker Saturdays & Events

(Note: STEM 8 students will attend ONLY 2 additional STEM Saturday Changemaker workshops with their teams.)

October 1st—Changemaker Workshop

October 11th STEM Family Night

October 15th—Changemaker Workshop

October 29th—Changemaker Workshop

November 12th—Changemaker Workshop

December 3rd—Changemaker Workshop

December 17th—Changemaker Workshop

January 7th 2023 MID POINT CHECK evaluations

2023 Spring Changemaker Saturdays to be announced.

April 29th Final project scoring

May 10th Changemaker Showcase, Awards & Family Celebration Night

Note: Dates may be subject to change. Monitor email & Bright Space

STEM Uniform Policy

Students will wear STEM shirts on fieldtrips. Students will not board a bus with out a STEM shirt. Uniform shirts will also be worn for special presentations or events. We have other optional attire such as STEM hoodies, zip tees, black t-shirts. Inventory is available for purchase by sending in a completed apparel order (attached) for with exact payment of cash or check payable to OMMS and attention Hartman/Lizama STEM Lab, cost includes



We Need YOU




Volunteer Chaperones

Chaperones will be requested for upcoming STEM trips on both STEM Saturday's and for weekday trips. Chaperones are accepted with a current background check on a first come/first serve basis when the student permission forms are issued. Confirmation of participation in a trip will be sent through email. Volunteers must have a current AACPS background check. If you have already been finger printed, you are cleared and do not need to resubmit electronic application. Please be sure to do this asap. It takes several weeks for the clearance.

<https://www.aacps.org/chaperone>







<https://onboard.inquiriesscreening.com/gen/inquiries/>

Please know that when you attend a field experience, we are unable to accommodate siblings. Thank you for understanding.



STEM Values

Using all of your knowledge, resources & skills to solve problems and create opportunities in the world.

-  **Empathy & Mindfulness**
Enhancing the ability to understand others and respond in a positive way allows children to build truly meaningful relationships with each other and the world.
-  **Making & Changemaking**
Capitalizing on their innate power to tinker, invent, & design allows for the child to "develop new solutions, mobilize others, and improve of society."
-  **Design & Systems Thinking**
Through discovery, interpretation, ideation, experimentation and evolution our children can both understand and transform the systems they are a part of.
-  **Radical Curiosity & Revolutionary Imagination**
Make believe, create your own rules, improvise, and imagine the possibilities.
-  **Passionate About Play**
Play allows children to develop executive functioning skills for a lifetime, gives them a chance to move and shake, and underlies the experiences with the power of fun.
-  **Ethics & Integrity**
Honesty, honor, respect, authenticity, social responsibility, and the courage to stand up for what you believe is right.