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# STEM Connections

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## Welcome Back to Virtual School!

As we launch into a new season of learning and adapt to a different teaching environment, we look forward to working with our STEM students and families. Both students and teachers alike strive to be proactive, present and purposeful during synchronous classroom instruction. We continue to promote the STEM values that lie at the heart of our program. Never before has the STEM motto applied as it does now.

*"STEM values involve using all of your knowledge, resources and skills to solve problems and create opportunities in our world."*

## Tips for Virtual Learning

- Create a comfortable work space for school time.
- Get and stay organized. Post a calendar or a schedule.
- Stick to a routine.
- Know and meet your deadlines.
- Don't procrastinate! Chunk your work.
- Follow internet etiquette.
- Actively participate and ask questions.
- Take breaks to eat and exercise.
- Keep a positive attitude.
- If it doesn't work, fix it or find another way...Don't give up.

## STEM PROGRAM REQUIREMENTS

STEM students join the Virtual Fieldtrip Club to enjoy one field experience a month. Club meets some Thursdays from 4- 5pm. Class code is se4crly.

STEM students join one Club of Choice and participate on a regular basis. See Club list provided by school with codes. Most clubs begin week of 9/14/20. Students may opt to join more than one club if interested.

STEM 8 students will undertake a virtual Changemaker Project due in 2021. More to come.
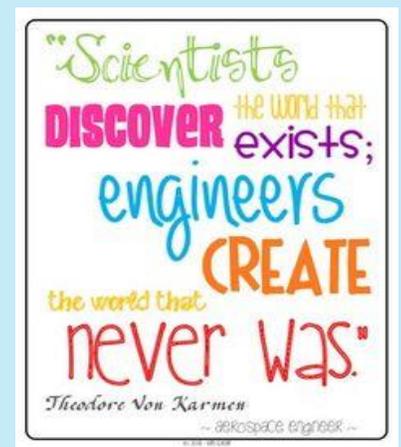
## UPCOMING EVENTS

Virtual Back to School Night
Thursday 9/10/20      6-8 pm
Go to OMMS School Website
https://www.aacps.org/Page/3897
for Meet Code.

Virtual Fleet Week Baltimore
https://www.visitmaryland.org/things-to-do/fleet-week
9/8- 9/11/20

US Sci Fest
9/16-9/23/20
Register your STEM student  HERE
https://usasciencefestival.org/

"Scientists DISCOVER the world that exists; engineers CREATE the world that never was."

*Theodore Von Karmen*
~ aerospace engineer ~

**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.
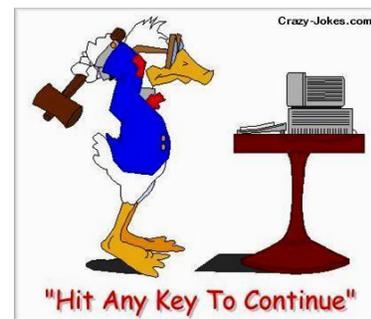
*Anne Arundel County Public Schools*

## Community Based STEM Resources
## For families and students to enjoy!

**Anne Arundel Co. Public Library – Oct 3th (3pm-4pm)**
**STEM Day, Virtual Escape the library.**
https://aacpl.librarycalendar.com/index.php/events/virtual-stem-day-escape-library
**AACo. Public Library – Oct. 8th (7pm-8pm) Intro to safe drone flying.**
https://aacpl.librarycalendar.com/index.php/events/introduction-safe-drone-flying
**The Spy Museum Spycast Podcast -**
https://www.spymuseum.org/multimedia/spycast/?utm_source=bm23&utm_medium=email&utm_term=LISTEN+IN&utm_content=SPY+on+us+from+HOME!&utm_campaign=KIDSPY+PROGRAMS&_bta_tid=36882500705476401505005640760505382527709164521370714605369840027044265403426786708458725477682847383331&_bta_c=day3ruv3myp32w7xik8ybqoa7w4n2
Calendar of Events –
https://www.spymuseum.org/calendar/upcoming/1/
In Defense of Water 2020 – September 24th (4pm-6pm)
https://www.eventbrite.com/e/in-defense-of-water-2020-tickets-111641143666?aff=erellivmlt
**National Building Museum in Washington D.C.**
https://www.nbm.org/
**Smithsonian Science Education Center** - https://ssec.si.edu/
**Maryland Science Center** - https://www.mdsci.org/lets-science-together/

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**OMMS Families and Students,**
**??FLEX LEARNING TIME ??**

We have had a lot of questions about Flex Learning Time. Please know we are taking attendance, and encouraging students to participate since it is an extension of the class. Teachers will help students, re-teach lessons and pull small groups in breakout sessions. Students will not earn a grade for Flex Learning Time but will be able to expand their knowledge by going deeper into a concept or content domain. Students who are in an encore class during this time should alternate which class they attend (this week B Days and next week A days and so on). Encore teachers will advertise this on their Google Classroom pages.

# NEED Tech Help?

## [CLICK HERE](#)



https://docs.google.com/presentation/d/e/2PACX-1vQeEr6kgcOVl5raq-513N0NKPsd8dlCC7Vsgy1PeiV4Xp4ta7KYHYQu9sNC9Wop04gttL_ubE4ju2pg/pub?start=false&loop=false&delayms=3000&slide=id.g35f391192_00