

How will you code? APS Virtual Hour of Code Event



ABOUT US

Tiffany Norwood, Atleacia Gibson, Charles B. Randolph, NOVA SySTEMic, USPTO, Steven Jones, Wilfredo Padilla, Anette Riva, Joel Gildea, Phyllis Gandy, Kris Martini, Pamela Nagurka, Robert Dudek, Charles Randolph, Cathy Wague, Leslie Martin, and APS Informational Services



Access Event

All sessions will be virtual on MS Teams. To access the MS Teams meeting links please go to our website: <https://bit.ly/apsvacodes2020>



Devices

You will need a device to access the events via MS Teams and the session activities. You do not need to download any software application.



MS Teams Support

<https://support.office.com/home/contact>



#APScodes2020

APS



Email: rosalita.santiago@apsva.us

@Rosielivenlearn

@APS_STEM

@APS_CTAE

For more information:



<https://bit.ly/apsvacodes2020>

Arlington, Virginia



APS

How will you code?



How will you code? Dec. 7-11

Tiffany Norwood



VEX VR with NOVA SySTEMic

This session will introduce the Python programming language within the context of the VEX VR programming environment. Activities will focus on using introductory Python concepts to create programs that will allow a virtual robot to complete a collection of challenges.

Tuesday, December 8 at 6:00-7:00p.m. & Wednesday, December 9 at 6:00-7:00p.m.

MS Teams link [Tuesday & Wednesday](#)

Audience: Middle School & High School Students



Creative Coding in Spanish with Sr. Padilla

¿Quieres aprender cómo puedes codificar utilizando BrainPOP? Acompaña al Sr. Padilla para repasar el ciclo del agua y ver cómo podemos crear una conversación y añadir sonidos en tu escena.

Do you want to learn how you can code using BrainPOP? Join Mr. Padilla to review the water cycle and see how we can create a conversation and add sounds to your scene.

Tuesday, December 8 at 6:30-7:30p.m.

MS Teams link [here](#)

Audience: K-5th Grade Students

Fireside Chat with Tiffany Norwood, Atleacia Gibson, and Charles B. Randolph

How will you code? Kick-Off Event

Monday, December 7 at 7:00-8:00p.m.

MS Teams link [here](#)

Audience: All Grade Levels



Tinkercad Codeblocks with Mr. Jones

Do you like 3D modeling and coding? If so, join Mr. Jones to learn about how you can create simple designs inspired by nature that can be engraved, turned into vinyl decals, or 3D printed. You'll also learn how you can turn your design into an animated gif that you can share with friends or family.

Wednesday, December 9 at 6:00-6:30p.m.

MS Teams link [here](#)

Audience: 2-12th Grade Students and Teachers



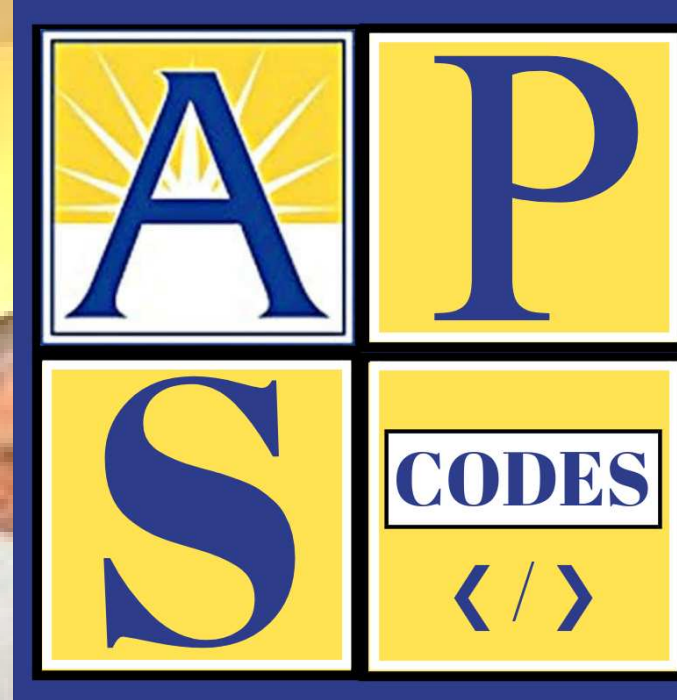
AR/VR with Mr. Randolph

Virtual Reality (VR) and Augmented Reality (AR)! These groundbreaking technologies have burst into the world of education. This "Hour of Code" session will show you basic skills and understandings of VR/AR and how the technology can be used in your classrooms.

Thursday, December 10 at 6:00-6:30p.m.

MS Teams link [here](#)

Audience: All Grade Levels
(Teachers & Students)



Unplugged Activity with USPTO

United States Patent and Trademark Office volunteers will facilitate a session that does not require an application.

Thursday, December 10 at 6:00p.m.

MS Teams link [here](#)

Audience: VPI-5th Grade



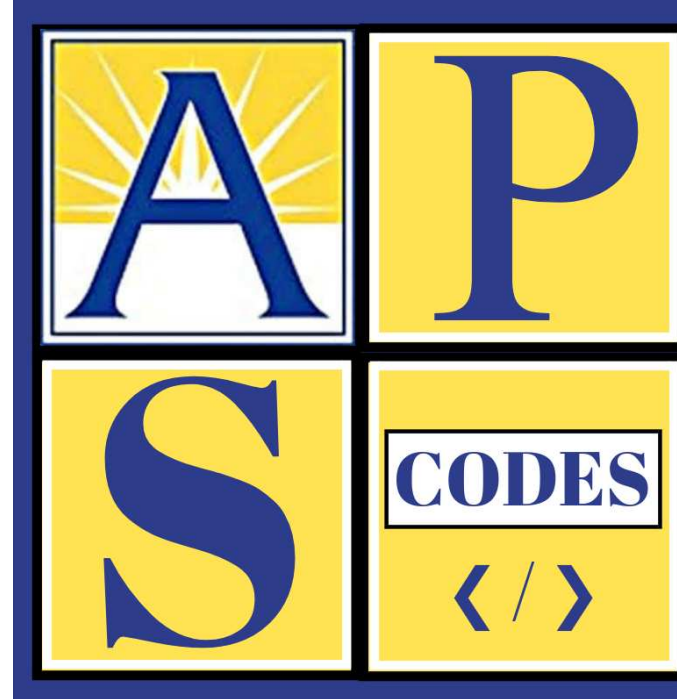
MS Teams Live Captions & Subtitles

Attendees: use live captions and subtitles

To turn on live captions and subtitles:

1. select Captions/Subtitles On Closed captions button in your video controls.
2. To change the caption language, select Settings button > Captions / Subtitles, and choose the language you want.

Caption language: Arabic, Spanish, and English



VEX VR Block Coding Environment with Mr. Dudek

Using VEX block programming similar to Scratch, we will program our robots to clean up a coral reef and crash a castle.

Friday, December 11 at 6:00-7:00p.m.

MS Teams link [here](#)

Audience: Middle School Students

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For more information please visit our website:

<https://bit.ly/apsvacodes2020>