



# Computer Science Education Week

## Monday December 7<sup>th</sup>

### Women of Xbox

Several Times:

7:00 AM - 8:00 AM  
9:00 AM - 10:00 AM  
12:00 PM - 1:00 PM

#### Livestream Event:

**Gaby Ponce**, Producer for Team 10 Studios' Forza and leader of Team Xbox Latinx Community  
**Cierra McDonald**, Team Xbox, Project Scarlett, GXP Program Manager  
**Karisma Williams**, Microsoft Product Design Evangelist

[7AM RSVP HERE](#)

[9AM RSVP HERE](#)

[11AM RSVP HERE](#)

This workshop is designed to introduce young girls ages 8-17 to a career in Video game design and development. Students will participate in a 1-hour virtual Computer science activity designed to show them the beginner stages of creating their own video game. The interactive coding activity will be followed by an engaging discussion entitled Meet the Women of XBOX. Students will meet some of the top women of Microsoft's XBOX Gaming division, learn about their career paths and get to engage in Q & A with these Amazing women.

11:00 AM - 12:00 PM

#### Chaos Maze Inspired by WONDER WOMAN 1984, ages 13+

[RSVP HERE](#)

In this virtual workshop experience, students use block-based coding with MakeCode Arcade to design and code their own game to play online. Inspired by WONDER WOMAN 1984, the "learn-to-code" lesson teaches programming to kids of all skill levels and invites them to harness the power of technology to empower good people to do great things.

1:30 PM - 3:30 PM

#### Code Your Own Video Game with MakeCode Arcade, ages 8+

[RSVP HERE](#)

In this virtual workshop experience, students ages eight and older will use block coding to create a video game with MakeCode Arcade. Students learn fundamental game and coding concepts—like sprites, variables, and coordinates—and use their new skills to create and customize a playable game.

## Tuesday December 8<sup>th</sup>

### Deaf Kids Launch

Several Times:

7:00 AM - 8:00 AM  
9:00 AM - 10:00 AM  
12:00 PM - 1:00 PM

#### Livestream Event: Johanna Lucht, NASA's first deaf engineer

[7AM RSVP HERE](#)

This workshop is designed to introduce deaf students ages 8-17 to intro level coding. Students will participate in a 1-hour virtual Computer science activity which will be followed by an interactive presentation signed by NASA's 1st Deaf Engineer Johanna Lucht.

[9AM RSVP HERE](#)

[12PM RSVP HERE](#)

10:00 AM - 12:00 PM

#### Code Your Own Video Game with MakeCode Arcade, ages 8+

[RSVP HERE](#)

In this virtual workshop experience, students eight and older use block coding to create a video game with MakeCode Arcade. Students learn fundamental game and coding concepts—like sprites, variables, and coordinates—and use their new skills to create and customize a playable game.

1:30 PM - 3:30 PM

#### Create Your Own Galaxy with Tynker Solar System, ages 10+

[RSVP HERE](#)

In this virtual workshop experience, students ten and older use block coding to program a moving model of the Solar System with Tynker. Students learn coding concepts to make their own unique Solar System model.

## Wednesday December 9<sup>th</sup> Latinx Girls in Space

Several Times:	<b>Livestream Event: Serena M Auñón-Chancellor, Latin Astronaut</b>	<a href="#">7AM RSVP HERE</a>
7:00 AM - 8:00 AM 9:00 AM - 10:00 AM 12:00 PM – 1:00 PM	This workshop is designed to expose Latinx girls ages 8-17 to careers in STEM, specifically, Aeronautics. Students will participate in a 1 hour virtual computer science activity designed by NASA followed by an intimate fireside chat with Serena M Auñón Chancellor, the 2nd Latina Astronaut to go into space.	<a href="#">9AM RSVP HERE</a> <a href="#">12PM RSVP HERE</a>
10:00 AM- 12:00 PM	<b>Code Your Own Spaceship with Tynker Space Quest, ages 6+</b>	<a href="#">RSVP HERE</a>
	In this virtual workshop experience, students six and older use beginner friendly coding puzzles to guide your character in space. Students will encounter aliens and obstacles as your search for a ship to bring your astronaut home.	
1:30 PM - 3:30 PM	<b>Create Your Own Galaxy with Tynker Solar System, ages 10+</b>	<a href="#">RSVP HERE</a>
	In this virtual workshop experience, students ten and older use block coding to program a moving model of the Solar System with Tynker. Students learn coding concepts to make their own unique Solar System model.	

## Thursday December 10<sup>th</sup> Black Girls in Animation

Several Times:	<b>Livestream Event: Sonya Carey, Digital Animator including Disney's "Princess and the Frog"</b>	<a href="#">7AM RSVP HERE</a>
7:00 AM - 8:00 AM 9:00 AM - 10:00 AM 12:00 PM – 1:00 PM	This workshop is designed to introduce young African American girls ages 8-17 to a career in 3d Animation. Student will participate in a 1-hour Virtual Computer science activity designed to show them the beginner stages of 3d Animation. The interactive activity will be followed by an engaging discussion with The creator of the Proud Family, The Princess and the Frog and Winnie the Pooh the Movie, Sonya Carey, A Groundbreaking African American 3d Animator with Disney.	<a href="#">9AM RSVP HERE</a> <a href="#">12PM RSVP HERE</a>
10:00 AM- 12:00 PM	<b>NETFLIX "Over the Moon" Animation Experience, ages 8+</b>	<a href="#">RSVP HERE</a>
	In this workshop, students learn the basics of animation to bring "Over the Moon's" Fei Fei to life. This NETFLIX protagonist is an innovative girl who builds her own space rocket and uses her creativity, resourcefulness, and imagination to reach the moon. Workshop participants will use Paint 3D, Sketchable or Pix2d to customize their character and create their own movie poster.	
1:30 PM - 3:30 PM	<b>Digital Photography - Create Cool Photos and Stop Motion Animations, ages 8+</b>	<a href="#">RSVP HERE</a>
	In this workshop, students eight and older will explore digital photography concepts by taking and editing photos and creating a stop motion animated video.	
	By the end of this workshop, participants will have created and edited photos. They will have created a stop motion animation that they can share with friends and family.	

## Friday December 11<sup>th</sup> MANCODE

Several Times:	<b>Livestream Event: Dwayne Wade and Chris Paul, NBA Ambassadors</b>	<a href="#">7AM RSVP HERE</a>
7:00 AM - 8:00 AM 9:00 AM - 10:00 AM 12:00 PM – 1:00 PM	This workshop is designed to expose Black and brown boys ages 8-17 to careers in technology. Each workshop is facilitated by a MANCODE mentor and will be followed by a fireside discussion with our keynote speakers NBA legend Dwyane Wade and Chris Paul.	<a href="#">9AM RSVP HERE</a> <a href="#">12PM RSVP HERE</a>
11:00 AM – 12:00 PM	<b>Minecraft Hour of Code: The Voyage Aquatic, ages 8+</b>	<a href="#">RSVP HERE</a>
	In this virtual workshop experience, students take part in the global <a href="#">Hour of Code</a> movement. Using the power of code, students aged 8 and up will explore aquatic worlds and uncover hidden treasure with the 2018 Minecraft Voyage Aquatic tutorial.	

1:30 PM - 3:30 PM

**John Lewis "Good Trouble" Social Justice Minecraft Special Edition**

[RSVP HERE](#)

Details coming soon.

**Saturday December 12<sup>th</sup>**

**ALL Kids Code**

Several Times:

**Livestream Event: Minecraft Developers**

[7AM RSVP HERE](#)

7:00 AM - 9:00 AM

This workshop is designed to introduce students ages 8-17 to intro level coding. Students will participate in a 1-hour virtual Computer science activity which will be followed by an interactive presentation led by

[9AM RSVP HERE](#)

9:00 AM - 11:00 AM

the Minecraft team.

[12PM RSVP HERE](#)

12:00 PM - 2:00 PM

**For more information please contact:**

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