



# CTE BULLETIN

## November 2021, Vol. IV

### Computer Science Education Week

Join Mr. James Wigfall and over 100 million students for an Hour of Code!

Computers are everywhere, changing every industry on the planet. But only 51% of all high schools teach computer science. Good news is, we're on our way to change this! If you've heard about the Hour of Code before, you might know it made history. More than 100 million students have tried an Hour of Code. With the Hour of Code, computer science has been on homepages of Google, MSN, Yahoo!, and Disney. Over 100 partners have joined together to support this movement. Every Apple Store in the world has hosted an Hour of Code, and leaders like President Obama and Canadian Prime Minister Justin Trudeau wrote their first lines of code as part of the campaign.

Let's make this year even bigger!

Mr. James Wigfall is asking you to join the Hour of Code 2021.

Please get involved with an Hour of Code event during Computer Science Education Week, December 6th, 2021 through December 12, 2021.

Get the word out. Host an event.

Ask a local school to sign up or try the Hour of Code yourself.

Everyone can benefit from learning the basics. Get started by [clicking here](#).

Contact Mr. James Wigfall at [James.Wigfall@HoustonISD.org](mailto:James.Wigfall@HoustonISD.org)

# Girls Who Code Resources (GWC)

As an international non-profit, Girls Who Code offers **free** and flexible computer science opportunities for your students with a strong emphasis on social emotional development.

- Our [Girls Who Code Clubs program](#) for 3rd-12th graders provides educators with free coding curriculum, resources, and training.
- Our virtual [Girls Who Code Summer Programs](#) offer introductory or advanced computer science courses for 9th-12th grade girls and non-binary students to get an inside look into tech careers through our company partners like YumBrands and Bank of America.

## Free 3rd-12th Grade Clubs Program

Girls Who Code (GWC) is an international nonprofit offering free and flexible coding resources for our community!

When you sign up to start a GWC Club, you'll get access to everything you need – including training, comprehensive resources, 120+ hours of easy-to-use and flexible coding curriculum for 3rd-12th graders, and even free t-shirts and other swag for each of your Club members. Clubs' curriculum feature coding tutorials for all skill levels, inspiring women in tech, community-building activities to increase confidence, and project-based learning related to activism. You don't need any prior coding experience to get started! Plus – all genders are welcome in this girls-supportive environment. Learn more about the Clubs program [here](#) or join a webinar [here](#).

## Free 9th-12th Grade Summer Programs

Ever wonder how a career in tech can help you pursue your passions? Join Girls Who Code summer 2022 to find out! If you're a 9th-12th grade girl - both cis and trans - or non-binary student, you're invited to apply to [Girls Who Code's 2-week virtual Summer Immersion Program \(SIP\) or virtual Self-Paced Program \(SPP\)](#)!

You'll learn an intro to HTML, CSS, and JavaScript through fun, hands-on projects for beginners or receive advanced certification in cybersecurity if you're looking to sharpen your coding skills. You'll even explore careers in tech through connections to top companies like YumBrands and Bank of America, just to name two! Plus - you'll become a part of a global sisterhood of 450,000 students worldwide that'll grant you access to exclusive alumni career support for life! In addition to our Summer Programs being **100% free**, stipends of up to \$300 and tech support are available for applicants who qualify.

So, what are you waiting for?

[Fill out the interest form today to be the first to know when the application goes live mid-January 2022!](#)

### Contact Information:

Amanda Souza, Manager of Community Partnerships

Email: [amanda.souza@girlswhocode.com](mailto:amanda.souza@girlswhocode.com)



## **Title III Professional Development**

*The sessions in this series are funded by Title III funds, to be provided free of charge for Region 4 educators. Click on the dates below for more details and registration.*

### **Title III Parent, Family, & Community: Navigating the Engagement Resource Tool TOT**

- [November 30, 2021](#) | 1:00 p.m. - 4:00 p.m.
- [January 20, 2022](#) | 9:00 a.m. - 12:00 p.m.

### **Title III: Enhancing Instructional Opportunities for Immigrant Students**

- [January 13, 2022](#) | 9:00 a.m. - 12:00 p.m.

### **Title III Effective Early Childhood Instruction for the Young EL TOT**

- [January 25, 2022](#) | 9:00 a.m. - 12:00 p.m.
- [March 24, 2022](#) | 9:00 a.m. - 12:00 p.m.

### **Title III Validation Process - Title III Responsibilities under ESSA**

- [January 11, 2022](#) | 9:00 a.m. - 12:00 p.m.



**February 21, 2022, from 8:00am - 9:30am**

**Tips to Enhance your CTE Agriculture courses via MindTap!**

Are you a secondary CTE teacher who is looking to incorporate some fresh new projects, tips, and digital content delivery in your classroom? This session provides strategies, lesson ideas, projects, digital tools, and technological approaches for teaching in this digital age. Learn how to use **Mindtap** to develop a robust and interactive course.

**[Click here to join the meeting](#)**

**February 21, 2022, from 9:30am - 11:00am**

**Tips to Enhance your CTE Automotive courses via MindTap!**

Are you a secondary CTE teacher who is looking to incorporate some fresh new projects, tips, and digital content delivery in your classroom? Learn how to implement just a few digital content delivery opportunities to freshen up your already robust course. This session provides strategies, lesson ideas, projects, digital tools, and technological approaches for teaching Automotive courses *via* **MindTap**.

**[Click here to join the meeting](#)**

**MindTap Training Resources:**

- **[MindTap Support](#)**
- **[MindTap Training](#)**