



Issue 2 – November 2020

Hello

The month of December is upon us and we are excited to celebrate Admiral Grace Murray Hopper's birthday, December 9, with Computer Science Education Week. This weeklong celebration of computer science started in 2009 and continues to grow in strength each year. In 2013, Code.org joined the Computing in the Core coalition and introduced "Hour of Code", reaching over 15 million students across 167 countries with over 35,000 events.

As we continue with our efforts here in Northeast Wisconsin, we encourage everyone to engage in an "Hour of Code" activity. Your engagement can come in many different ways; hosting an event at your school, volunteering within a school, being a guest speaker, talking with your colleagues, or introducing coding to your children, nieces, nephews, or grandchildren. No matter your contribution, it will have a lasting effect.

We encourage the Northeast Wisconsin community, to visit the [newly launched CodeWisco website](#). Visitors will find news and updates to the Computer Science Talent Ecosystem Youth, various coding and computer science resources, and learn about the many ways to become involved. Check out the featured resource below and have fun exploring all the ways to computer science.

Amy Bires  
CSTEY Project Manager

## Featured Resource

### [CodeWISCO Website Launched](#)

CESA7's Computer Science Talent Ecosystem Youth (CSTEY) program launched [CodeWISCO.com](#) on Monday, November 9 in response to the upcoming Computer Science Education Week, December 7-13, 2020. School districts and all K-12 teachers will be able to use the website as a place to find resources, upcoming events, and share district highlights. Business and organizations will also be able to use the resource to keep up to date on regional events and to find various ways to get involved. Visit [www.CodeWISCO.com](#) to see all the great resources and learn how to host an Hour of Code for CS Education Week.

# Computer Science Education Week

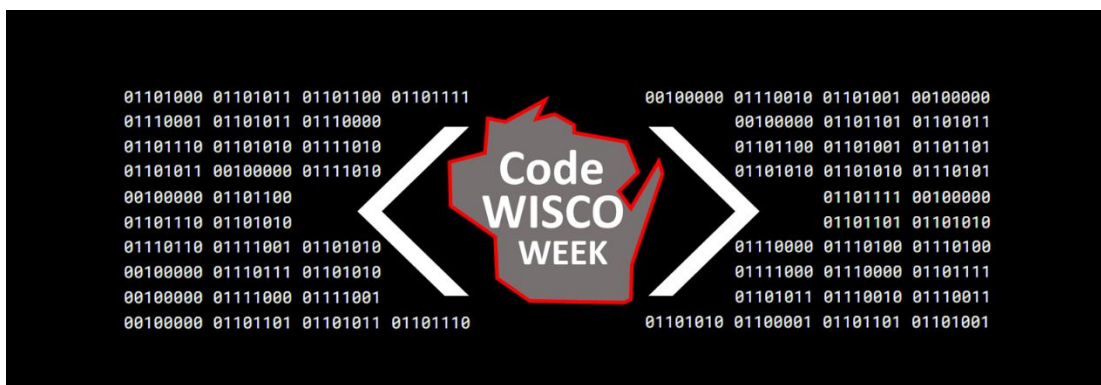
# December 7-13, 2020

Computer Science Education Week is an annual call to action for K-12 students to learn about computer science.

## CodeWISCO

This year, CESA7 and CSTEY are celebrating the first CodeWISCO Week during CS Education Week. This is an opportunity to engage Wisconsin K-12 students to learn more about coding and computer science. It is a time for students to understand the power they have to transform their individual lives, their families, and the world around us. Our world is changing at a blistering pace. Nearly every industry has been transformed in some way using technology. Learning about coding and computer science has never been more important. Find out what you can do to support [K-12 CS education in Wisconsin](#).

Visit [www.CodeWISCO.com](http://www.CodeWISCO.com) for more information. Additional resources as well as short video tutorials are available for schools to plan Hour of Code activities



## Register your Hour of Code Event/Activity

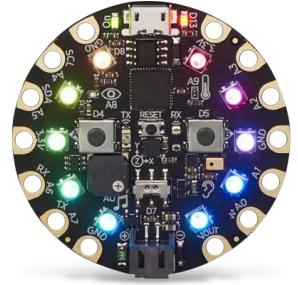
Are you a teacher doing a computer science activity with your class? Are you a teacher that has never done computer science activity? Check the 'Hour of Code resources so you can get your students involved. Register your activity or request a volunteer to help. Would you like to volunteer to help a class with an Hour of Code activity? You can do that here.

1. Register for Hour of Code with Code.org
2. Register your Hour of Code with [CodeWISCO](#)
3. [Submit](#) your information to volunteer with a class or other activity

## Share your Hour of Code Event/Activity & WIN A PRIZE!

Remember to:

- ✓ Have activities planned and prepared
- ✓ Get students excited about the upcoming Hour of Code activity
- ✓ Hold your Hour of Code event
- ✓ Take pictures and video collected during the event



Now that all the work is done, celebrate you and your students' achievements. Visit [CodeWISCO](#) to submit a brief description of your event and a photo/video. Each submission will be entered in a random drawing to win a classroom set of Adafruits.

## CodeWISCO School and Organization Highlights – Fox 11 News

During CS Education Week, December 7–13, Fox 11 News will be airing a series of highlights surrounding CS Education from local schools and organizations. These highlights will be shared during the news program at 5:00 pm and 9:00 pm. Videos will also be shared on the [CodeWISCO](#) website.

# Building and Growing A CS Pathway

## CSforALL SCRIPT Workshop

CSTEY held the first [CSforALL SCRIPT Workshop](#) this past November. The SCRIPT - the Strategic CSforALL Resource & Implementation Planning Tool is a framework to guide teams of district administrators, school leaders, and educators through a series of collaborative visioning, self-assessment and goal-setting exercises to create or expand upon a computer science education implementation plan for their students.

Moving forward with their goals, districts look to:

- expand stakeholders and build computer science leadership teams
- build capacity for the Wisconsin Standards for Computer Science
- align computer science efforts to New North High School Career Pathway Information Technology
- provide professional learning to systematically build teacher capacity
- develop relationships with community partners to expand student opportunities i.e. job shadows, internships, dual-credit courses

The next SCRIPT Workshop will be held on February 11, 17, & 18, 2021. For more information or to register, please contact [Tina Lemmens](#).

## TEALS

[Technology Education and Literacy in Schools](#) (TEALS) is a Microsoft Philanthropies program that connects existing classroom teachers with industry professionals to create a sustainable CS program at your school. Interested in learning how to partner with the TEALS Program? Contact [Amy Bires](#), the Northeast Wisconsin TEALS Regional Manager

OR

Attend a TEALS School Information Session on Thursday, December 10th @ 4:30 pm CST

[REGISTER TODAY!](#)

## Youth Apprenticeships

As schools build and grow their computer science pathways, students will continue to develop their CS skills. Teachers, please continue to share information regarding the potential for youth apprenticeships in Northeast Wisconsin. Youth apprenticeship applications will be due in April, start the conversations now to be understand all options available to students.

Businesses, are you interested in learning how to incorporate a youth apprenticeship student in your daily business activities? If so, please complete the [Contact Form](#).

CSTEY and the Green Bay Chamber of Commerce are working to provide updated information regarding the youth apprenticeship program in Brown County. Stay tuned for more information in January.

## The Marquette University Computer Science Competition

The Marquette University Computer Science Competition *will be held* on Wednesday, April 14, 2021 in a virtual format. There will continue to be three divisions – Scratch, Java or APCS Principles. Stay tuned for more information.

## Free Practice for Praxis CS Exam from CompuScholar

CompuScholar is offering two of their courses and study guides which should prepare you to take the Computer Science Praxis Exam (5652) in Wisconsin. This is entirely free of charge and offered by CompuScholar in conjunction with the CSTA WI-Dairyland. The courses are online, self-paced and self-study, so you can get started at any time and take up to 6 months to complete them. Register here: <https://www.compuscholar.com/schools/standards/states/wisconsin/praxis>

## CESA7 – District Sponsored CS1405 Teacher License Program

The district sponsored license pathway offered through CESA7 allows the school district to add-on any license to an already licensed (in any subject) teacher. This license is a Tier 1 License and is only valid in the district that approves the license. The district is required to provide appropriate professional development and supervision. As the teacher progresses through professional development, they will create a portfolio which will be submitted to DPI upon completion. A teacher has three years to complete the portfolio. For more information please contact [Aaron Malczewski](#).

Requirement 1: Appropriate Professional Development

- [Microsoft TEALS Program](#) (suggestion)

Requirement 2: Supervision & Portfolio submission to DPI

- CESA7 will provide support through portfolio template and review of portfolio components and artifacts

## WI CSTA – Monthly Sharing Sessions

CSTA Wisconsin Dairyland leaders are facilitating monthly sharing sessions throughout the year to help support teachers. We can all learn so much from each other! Tentative focus for the January 20, 2021 meeting is sharing ideas for making your classroom and curriculum accessible and relevant to all kids. Join in the conversation using this Zoom info:

CSTA Sharing Sessions  
[Join Zoom Meeting](#)  
Meeting ID: 918 3513 8697  
Passcode: 223963

Here is the schedule of future Zoom sessions – all are from 7:00pm-8:00pm.

February 17 and April 21

Please join us! If you have a focus for a future session please contact our co-Presidents [Amy Fetherston](#) or [Linnea Logan](#).

## Useful Links

WI CS Teachers Google Group: to join contact Joe Kmoch at <[joe@jkmoch.com](mailto:joe@jkmoch.com)>

PUMP-CS Professional Development: < <https://pumpcs.mu.edu>>

WI CS K-12 standards: <<http://bit.ly/wi-cs-standards>>

Join CSTA: <http://csteachers.org> and click on Membership tab at the top (free membership continues to be available)

[www.cesa7.org](http://www.cesa7.org)