[Building STEM Capital in Region 2]

Celebrate Computer Science Week and WIN!

During December [5th-13th], schools across the GLOBE [180+ countries.] will participate in the largest education event - Hour of Code. Without any prior coding experience you can make sure your students 1) experience how coding works and 2) gain awareness of the range of careers that require coding skills. Don't miss this opportunity to introduce or reinforce a crucial "***future of work skill***" - Computer Science! See ideas below.

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♦ **TEACHERS - SHARE your Hour of Code Event with Photos HERE** ♦

and gain a chance to win a cool tech prize.

Need more ideas? Email us or attend Dec 3rd STEM Talk

</> Hour of Code - YES, you can do this!

Hour of Code was created by Code.org to introduce ANYONE to Computer Science through an hour-long coding activity. Sort through the wide range of activities (grouped by grade/level of difficulty) and you will definitely find something that will engage your students, regardless of the subject you teach. I love the "Poem Art" and "Star Wars Code-a-Galaxy" activities and most students love the Minecraft activity. **See activities.**

</> Hour of Code: Minecraft

Like many of Hour of Code activities, students are introduced to a coder and a quick description of the challenge. Great tutorials as students work through the projects. Try one!

</> Hour of Code: Microsoft Arcade

2021 HOC Challenge for ages 9 and above - **SAVE THE FOREST!**: Code a game with Microsoft MakeCode Arcade that recreates the conditions for a forest fire and then code your fire-fighting airtanker plane to spray water and put out the flames. Check it out here!

</> Hour of Code: CS Heroes

Using 12 diverse CS pioneers, students will learn the impact that computer science is making everywhere & the relationship that computer science has to different subjects, industries, career paths, & our everyday lives. Great resources & videos of computer science heroes. **See CSWeek Activity.**

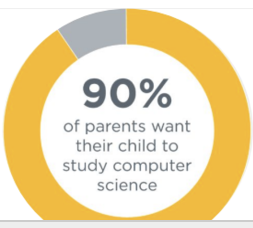
</> Hour of Code: Prizes for High School Girls

National Girls Collaborative is partnering with **Beyond** to encourage students to learn about tech in all industries including music, beauty, sports, entertainment, and fashion. Students will play a game and submit their thoughts around innovating tech in their favorite industry. The most creative and captivating submissions will receive prizes, including gift cards and personalized video messages from one of their favorite celebrities. I have personally visited with the creator of Beyond and girls will love it. Confirm students' involvement by submitting a **participation form**.

</> Hour of Code: NASA & Tynker

NASA-themed FREE computer programming activities facilitated by NASA and Tynker experts each day next week - Monday - Friday at noon. Register here. Get ready by watching Return to the Moon Hour of Code Recording.

January Workshop!



Save the Date: Capital Area STEM will host a full-day and FREE Code.Org workshop for elementary teachers that will include making +

Subscribe to our email list.

Possible Dates: Saturday, January 22 or 29 (TBD)

STEMTalk: Hour of Code Tips and the Data Behind Learning Blade

Join us, Friday, December 3rd @ noon. Meeting Link!

MAKE PLANS TO ATTEND; MAKE PLANS TO SHARE YOUR SUCCESSFUL STEM EDUCATION WORK!

February 8th, Raising Cane's River Center - What's in store for participants?

- Moderated panels that concentrate on regional workforce needs and equity in STEM
- Keynote presentation by Critical Thinking expert - Steven Pearlman
- Promising practice breakout sessions that address successful college and career readiness.
  Deadline to submit presenter proposal: 11/30 See link.
- Live demonstrations by students
- Vendor presentations
- Visits with LaSTEM Regional STEM Network Centers

Click here for registration, call for presenters, and vendor booths.

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