

Welcome <<First Name>>!

[VIEW IN BROWSER](#)

We hope you find this content helpful. Thank you for reading!



eNews Issue #118



IN THIS EDITION:

- [Giving Tuesday is HERE!](#)
- [Learn about Web Attacks from Cyber.org](#)
- [NSF Grant for Improving Undergraduate STEM Education](#)
- [Hour of Code with CodeCombat](#)
- [Learning Blade's Computer Science Education Week Resources](#)
- [Register for the 2023 Girls of Promise Conference](#)
- [2023 M3 Challenge Registration](#)

UPCOMING EVENTS



TODAY IS GIVING TUESDAY!

Please consider supporting The Arkansas STEM Coalition through our Giving Tuesday campaign. When you donate, you help support:

- **Regional and Statewide STEM "Think Tank" Meetings**
- **Arkansas STEM Ecosystem Meetings**
- **Disease Detectives Infectious Disease Learning Programs**
- **STEMgineers After-School STEM Enrichment Programs**
- **Venture Academy Education-to-Workforce Pipeline Program**
- **Week-long STEM Summer Camps**

GIVE NOW at <https://www.facebook.com/arstemcoalition/>



Learn about Web Attacks from Cyber.org

Cyber.org is offering two FREE virtual web attack workshops for K-12 educators in the U.S., a **class on simple attacks on December 8** and an **advanced attacks class on December 13**.

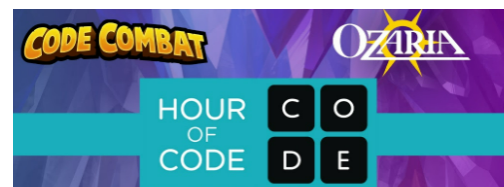
- Each workshop will cover web application attacks that can occur against social media accounts, online bank accounts, learning management systems, etc.
- Attendees will perform attacks as both the attacker and the victim, and will learn how to defend against attacks.

[REGISTER for these and other Cyber.org Events!](#)



Learn about NSF's grant for Improving Undergraduate STEM Education

The National Science Foundation (NSF) is seeking proposals in response to a new opportunity for Improving Undergraduate STEM Education (IUSE). An informational webinar on December 5 seeks to build capacity in faculty at community colleges interested in submitting an NSF proposal for the



Hour of Code with CodeCombat

Join the CodeCombat team for a webinar on December 1 as they walk you through their Hour of Code activities and show you how you can best use them in your classroom!

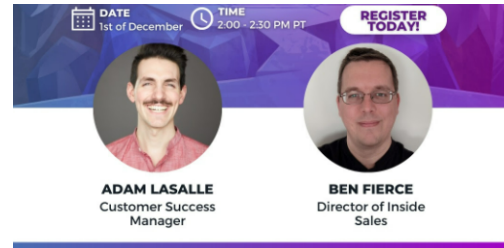
Every year in December, your class can join millions of students around the world in celebrating Computer Science Education Week with

IUSE program.

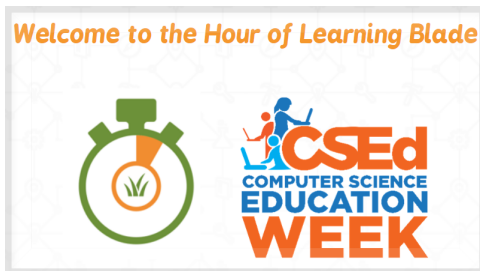
The webinar will include presentations from NSF Program Directors about the newest IUSE solicitation ([NSF 23-510](#)). In addition, three IUSE awardees currently teaching at community colleges will share insights and recommendations from their own experience with IUSE proposal preparation. After the presentation, join the speakers for Q&A and meet other attendees interested in submitting IUSE proposals.

[REGISTER for the Webinar](#) or [LEARN MORE about the Grant](#)

the Hour of Code. With hundreds of activity options, it can be hard to decide. This is where Code Combat comes into the equation. They will help you with everything you need for Computer Science Education Week.



[LEARN MORE and REGISTER!](#)



Learning Blade's Computer Science Education Week Resources

For #CSEdWeek this year, Learning Blade has created a webpage with five days of mini-lessons, offline computer science resources, career videos from women in computer science, and a certificate to show that students have completed an Hour of Code in Learning Blade.

The Mini-Lesson schedule includes sessions focused on careers in:

- Computer Programming
- Database Administration
- Data Science



Register for the 2023 Girls of Promise Conference

jk

Listen up and mark your calendars! The Women's Foundation of Arkansas's annual Girls of Promise Conference will take place on Friday, April 7, 2023 at the Arkansas 4-H Center!

The objective for this conference is to bring together eighth-grade girls from throughout Arkansas who are interested in science, technology, engineering, art, and math (STEAM). The Women's Foundation of Arkansas (WFA) wishes to provide every 8th grade girl in Arkansas who

- Information Security Analysis
- Web Development

has a love or interest in STEAM the opportunity to apply!



Applications open on Monday, December 5, 2022, and you can start applying then.

[Learn More and REGISTER for a Learning Blade CSEDWeek Webinar here!](#)

[APPLY HERE for Girls of Promise starting Dec 5!](#)



Registration OPEN for the 2023 M3 Challenge

Registration for the 2023 MathWorks Math Modeling Challenge (M3 Challenge) is open! The M3 Challenge is a free applied mathematics problem-solving competition open to high school juniors and seniors in the United States, as well as students in England and Wales. The Challenge will be held March 3-6, 2023, and is completely online, with no registration or participation expenses.

Who can enter: High school juniors and seniors students in the United States and sixth form students (age 16-19) in England and Wales may form and enter up to two teams of three to five students and one teacher-coach per school. Homeschool and cyberschool students in those areas are also eligible.

Things to know about the M3 Challenge: Teams will work in or convert their local time to Eastern Standard Time, and the problem will be downloaded at any time throughout the Challenge weekend. Once the problem has been downloaded, the team's 14-hour clock begins and cannot be stopped. Teams may work from any place and with any inanimate accessible resources, but they may not talk or request assistance from their coach or anyone other than their teammates via any means.

Registration Closes: February 24, 2023

Challenge Weekend: March 3 - 6, 2023

[LEARN MORE](#) and [REGISTER YOUR TEAM!](#)

Need Laptops? Use our Laptop Loan Program!



The Arkansas STEM Coalition has over 120 laptops that educational institutions and non-profit organizations may use for events up to 30 days, with a cost of \$1 per laptop. If your organization would like to borrow laptops through this program, please contact info@arkansasstemcoalition.com.

[AmazonSmile Program](#)

Donate while you shop with Amazon Smile! There's no cost to you. Here's how:

1. Visit smile.amazon.com
2. Sign into your Amazon.com account.
3. Select **The Arkansas STEM Coalition** as your charity.
4. Start shopping!
5. Remember that you MUST check out at smile.amazon.com to generate donations for The Arkansas STEM Coalition!

To add Amazon Smile to your mobile app, visit smile.amazon.com/onthego.

STEM Center Spotlight

Sponsor Spotlight



The goal of the [Lewis "Tony" Finley STEM Center for Math and Science Education](#) is to meet the needs of P-12 math and science teachers by offering materials that support mathematics and science education standards. A wide range of math and science materials are available for checkout and classroom use, serving teachers by providing access to resources and materials as well as professional development on the materials.

[Learn more about The Harding University Finley STEM Center...](#)

[Dassault Aviation](#) is a family company. A family with a heritage of integrity and excellence. They have and always will invest in innovation and technology to an extraordinary level.

And they will always be the best in everything they offer their customers.

[Learn more about Dassault Aviation...](#)

Need Resources? We have them!

We strive to provide innovative and inspiring STEM resources and programs for students, parents, and teachers.



On the go?
[CLICK HERE to access helpful online resources!](#)

[Back to Top](#)

Copyright © 2022 Arkansas STEM Coalition, All rights reserved.

Executive Director: Hannah Vogler
hannah@arkansasstemcoalition.com
501-425-9995

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#)

