

With the Thanksgiving holiday next week, there will not be a Wednesday Reader next Wednesday, November 22.

Take Part in this Week's 2017 National Cybersecurity Career Awareness Week Cyber Challenge

Attention Schools and Teachers—You are invited to participate in the [National Cybersecurity Career Awareness Week Cyber Challenge](#), a nation-wide challenge for educators, students, career counselors, and others that will ignite interest in cybersecurity careers by enabling participants to test drive cyber careers with the fully-funded online cybersecurity career exploration platform NSA Day of Cyber.

The [National Cybersecurity Career Awareness Week Cyber Challenge](#) will launch at the first annual National Cybersecurity Career Awareness Week Kick-off event and run until December 5, 2017 where the top 5 schools will be announced at the National [NICE K-12 Cybersecurity Education Conference in Nashville](#).

[Sign Up](#) today to Participate in the Challenge and Be Announced in December.

For details about the [National Cybersecurity Career Awareness Week Cyber Challenge](#), please visit www.nist.gov/itl/applied-cybersecurity/nice/national-cybersecurity-career-awareness-week/national-cybersecurity.

Registration for 2018 NBEA Convention—March 27-31 in Baltimore—Opens November 20

Register now for the [National Business Education Association \(NBEA\) 2018 Convention & Trade Show](#) in Baltimore, March 27-31, 2018. You won't want to miss this cutting-edge, energizing convention focused on the advancement of business education.

The NBEA 2018 Convention will provide over 70 exciting and cutting-edge educational sessions, more than 20 technology workshops that will expand specific skills and introduce new technology, and general session speakers who will educate and inspire.

In addition, the Business Education Research Conference will be held in conjunction with the NBEA 2018 Convention. Do not miss this amazing opportunity to enhance your knowledge and skills as a business educator, take part in networking opportunities, and be challenged to return to your classroom ready to educate, empower, and energize your students.

With more than 130 attractions, museums, historic sites, and performing arts groups, Baltimore promises something for everyone. From "The Star-Spangled Banner" to African American history, to The Baltimore Basilica (America's first cathedral), there's something exciting around every corner.

NBEA is excited to offer pre- and post-convention tours as well. Come early and stay late to be involved in all that the NBEA 2018 Annual Convention has to offer.

Visit the NBEA 2018 Convention site (www.nbea.org/newsite/conferences/convention/convention.html) to access the complete convention details, including general convention information, session descriptions, professional development seminars, technology workshop descriptions, and information on pre- and post-convention tours.

Get ready for CS Education Week—December 4-10

CS Education Week is coming up December 4-10. Let's use this celebration to making a lasting change in schools. CSTA has partnered with Code.org and Family Code Night to start a movement—thousands of teachers are sharing what courses their school offers and are pledging to expand computer science at their school for CS Education Week. [Put your school on the map and join the movement at code.org/yourschool](#).

You can also join the pledge when you [sign up to host an Hour of Code event](#). The Hour of Code is a great way to raise awareness of computer science education with administrators, counselors, parents, and your community. And, it's a tool we can use to recruit diverse students who may never have thought of enrolling in CS.

Here are some other ways you can celebrate CS Education Week:

1. Host a school-wide event

The students in your classroom are learning computer science, but what about the other students in the school? Consider [hosting a school assembly](#) to let all students see how much fun it is to not only use technology, but to help create it. [Contact a volunteer speaker](#) or organize hands-on Hour of Code activities for beginners.

Your students can help lead the activity. Pair your classroom with a non-CS classroom to have your students take on the role of teaching CS to beginners. Or, use the ["unplugged" activities](#) to teach computational thinking without computers. (And, print out certificates for the students to take home).

2. Host a Family Code Night

There's still time to plan a great evening program for your K-5 school community during CS Ed Week, or later in the year. To learn how, visit the Family Code Night website, www.familycodenight.org, to learn more and download your free Family Code Night Event Kit.

3. Use the week to make lasting change

Beyond signing the pledge yourself, can you encourage your school or district administrator to make a commitment to expand computer science? If so, [share your commitment with us](#) and we will gather announcements as part of the CS Education Week kick-off event.

4. Do something fun and different with your class for CS Education Week

Organize a hack-a-thon, build a cool project, or just take a day to try the [Hour of Code activities for experienced classrooms](#). Your students can try out a different language (Python? JavaScript? Java?) or take a concept they already know and apply it in a new way.

Every year during CS Education Week, tens of millions of students try computer science for the first time. This is the largest event of the year for computer science education and you, your students, and school can be a part of it.

Once you have chosen your CS Education Week activities, let CSTA (www.csteachers.org) know how you celebrated computer science education. Share your successes with us on Facebook and Twitter.

Take a Virtual Trip with AICPA and Go Inside the World of Nuclear Deterrence Accounting

The American Institute of CPAs and [Star Here. Go Places®](#) invite you and your Accounting students to take a virtual field trip and meet real-life CPAs. Mark your calendars for the next destination—Albuquerque.

If you ever wondered if being a CPA can help strengthen national security, you don't want to miss the Fall 2017 virtual field trip with Louis Greigo. He's the Senior Manager for Project Management, Project Controls and Business Operations supporting the Nuclear Deterrence Division at the Sandia National Laboratory in New Mexico. Griego is responsible for leading the team that executes business and project management activities. Even though his hands are full at work, he also makes time to volunteer in the community.

Here are a few things Griego will cover:

- Why he wanted to be a CPA
- What he does at work day-to-day
- Why he gets so much out of serving his community
- What he wishes he knew about accounting when he was in school

Griego has a fascinating story and can't wait to share what he knows, so make sure you and your class don't miss this one. At the end of his presentation, Griego will be happy to answer questions so don't be shy.

[Register your class](#) for the trip to meet Griego at 1pm EST (11 am Mountain) on November 29 for this FREE virtual field trip.

Can't wait for this virtual field trip? Watch other [past trips](#) and see what you can expect later this month.

Unity Game Programming for Your Classroom

[CompuScholar](#) (www.compuscholar.com/schools) is pleased to announce our latest course, "Unity Game Programming." You can teach your students fundamental programming skills using the popular Unity game engine. Students will be immersed in video game design from the beginning and complete hands-on game projects in every chapter.

Along the way, students will learn all the C# skills found in typical introductory coding courses. Who knew that flow control, functions, arrays and OOP could be so much fun?

CompuScholar's turn-key online teaching system includes multi-media instruction, automated quizzes and tests, a syllabus, teacher's guides, fully coded activity solutions, and built-in professional development. Novice and experienced teachers alike will appreciate our full-year roadmap for success in the classroom, including regular outreach, free technical support and comprehensive reporting.

New classrooms can be rolled out quickly at any time.

Visit us today at www.compuscholar.com/schools/courses/unity/ to get started.

FREE Project-based Coding Lesson Plans from BootUp

Check out BootUp's project-based lesson plans for beginner to advanced coding teachers using Scratch and Scratch Jr.

All lesson plans, include; process and product objectives, CSTA standards, CSK12 Framework practices and concepts, vocabulary, a project sequence with facilitation tips, and assessment suggestions.

Each lesson also has optional resources including, project extensions, debugging practices, differentiation, suggested unplugged lessons, and video resources.

Find FREE lesson plans at www.bootuppd.org/curriculum!

WBEA 2018—Registration is Now Open

The 2018 [Western Business Education Association](#) (WBEA) Conference will be held February 15-19, 2018, in downtown Boise at the Grove Hotel. Plan to attend the [2018 WBEA Conference](#) and *Empower Your Why*.

Registration for the [2018 WBEA Conference](#) is now open with the early-bird rate of \$195 through November 30. After November 30, the rate increases to \$225. Registration can be completed online at www.wbea2018.info.

Lodging reservations can also be completed at this time at <https://reservations.travelclick.com/76224?groupID=1544481> or by contacting the Grove Hotel directly at 888.961.5000 and using either WBEA 2018 or Group ID 1544481. The rate at the Grove Hotel is \$125/night plus tax. Free shuttle service is available to and from the Boise Airport (BOI).

Make your reservations at the Grove Hotel before January 23, 2018 to be sure to get the conference rate. More details about the Grove Hotel can be found at grovehotelboise.com.

For a schedule of the [2018 WBEA Conference](#), please visit www.wbea2018.info/schedules and review the current listing of breakout sessions, www.wbea2018.info/session-presenters, and computer workshops, www.wbea2018.info/copy-of-session-descriptions. Also, be sure to check out the tour options, including a Hockey Night with the Idaho Steelheads, at www.wbea2018.info/idaho-steelheads.

Spring Time in the Rockies with ACTE Region V—Colorado Springs, April 2018

Region V is the [Association for Career and Technical Education](#)'s (ACTE) western region and the 2018 Region V Conference will be held just down the road in Colorado Springs.

The [2018 ACTE Region V Conference](#) will take place April 11-14 at the [Cheyenne Mountain Resort](#) in Colorado Springs, Colorado.

Registration for the [2018 ACTE Region V Conference](#) is \$425 and includes most meals during the conference. Hotel rooms can be booked directly at the [Cheyenne Mountain Resort](#) for \$144 per night plus tax.

If you are interested in presenting, at the [2018 ACTE Region V Conference](#), a Speaker Proposal can be completed at https://docs.google.com/a/jeffcoschools.us/forms/d/e/1FAIpQLSc6ARLfJHeG6h2Gtvdf17HTw3h3F5EEIAkulsJK5IKcgclmg/viewform?usp=sf_link.

For more information about Region V and the 2018 Region V Conference, visit www.acteonline.org/regionv.

Please note, the 2019 ACTE Region V Conference will be hosted by [Montana ACTE](#) and in Bozeman, April 2019.

Fall 2017 CTE Data Collection—Time to Report Post-Grad Status for Class of 2017 Grads

The Fall 2017 CTE Data Collection begins on October 1 and ends December 31, 2017. The Fall CTE Data Collection is a follow up to last year's Spring CTE Data Collection for Perkins grant reporting.

Students identified as CTE Concentrators last year (2016-2017) and graduated in the spring of 2017 should be contacted between October 1 and December 31 and asked their current post-graduation status. After contact, the appropriate post-graduation status code must be entered into the AIM/Infinite Campus data system for each CTE Concentrator.

All high schools that received funding from the Carl D. Perkins federal grant program in 2016-2017 are required to complete this fall follow up collection to maintain their eligibility to receive Perkins funding.

Instructions for completing the Fall CTE Data Collection—called the '*Quick Reference Guide*' for the Fall CTE Data Collection—are located in two places on the OPI website: on the AIM web page listed in AIM User Guides and also on the [CTE web page](#) under the '*Data Collections*' button.

Technical AIM questions regarding the Fall CTE Data Collection should be directed to the AIM Helpdesk at 1.877.424.6681 (toll-free) or email opiainhelp@mt.gov. Questions regarding the Carl D. Perkins federal grant program data requirements should be directed to Christy Hendricks, CTE/Perkins Data Control Specialist at 406.444.9019 or email chendricks@mt.gov.

Sign up for the Hour of Code—December 4-10

In six weeks, it will be time to kick off the largest learning event in history ... for the fifth time. December 4-10, during [Computer Science Education Week](#), tens of millions of students will gather all around the world to participate in the annual [Hour of Code](#). For many, it will be their first introduction to computer science, but for others, it has become an annual celebration of computer science and the movement to expand opportunity.

Plan for you and your students to join in and [sign up your classroom](#) today for the Hour of Code. And as you do, please go one step further - let us know how computer science is offered at your school, and join the thousands of teachers in pledging to expand access.

Visit hourofcode.com/us#join to sign up and join in the fun.

If computer science is not offered at your school, the Hour of Code is a great way to build excitement and support to start a new program.

Schools already offering computer science find the Hour of Code an ideal way to celebrate CS Education Week, raise awareness of their programs, recruit students into courses, and explore expansion. There are one-hour activities for both beginners and experienced coders. Consider reaching beyond your classroom this week. Host a school assembly, a parent's coding night, or an activity in your community.

Get started with the easy [how-to guide](#). You can even do an Hour of Code without computers or an internet connection.

12 Free Posters. As a special thank you, Code.org is giving one free set of 12 inspirational posters to teachers hosting an Hour of Code while supplies last (shipping not included). You'll receive a discount code to use in our [online store](#) after you sign up.

And, Code.org has upgraded their servers. As always, you do not need to create accounts or log in to participate in the Hour of Code. But, if you want to, [Code.org](#) and many other partners support classroom management throughout the Hour of Code. In the past, this has been disabled due to not being prepared for so many users. This year, they are prepared. Teachers can set up a classroom, assign a [Code.org](#) activity, and track student progress in their dashboard. You can also continue to use our other courses such as CS Fundamentals and save progress throughout the week.

Invite a technology professional to your classroom*

Check out the [Code.org volunteer database](#) and schedule a classroom visit! Code.org is excited to have university students, independent professionals, and volunteers from technology companies available to make the Hour of Code even more special.

Spread the word. Technology is changing every industry on the planet, and computer science has become relevant to a wide range of careers—even those outside technology and engineering. For millions of students, the Hour of Code will be an inspiring introduction to crucial 21st century skills. Help us reach even more people by forwarding this email to another teacher. Or forward it to a principal to get your whole school on board.

\$1000 529 College Savings Scholarship Opportunity

The EVERFI Scholarship Contest has begun! Take advantage of our Financial Literacy and Career Exploration resources, provided at **no cost** by generous national sponsors, and your students will have the opportunity to submit an entry into the contest.

Students who complete either [FutureSmart](#), a 6th-8th Financial Literacy course, or [Endeavor](#), a 6-9 STEM Career Exploration course, are eligible to win! All entries must be [submitted here](#) by **January 19, 2018**.

Reach out to Cari Turner, cturner@everfi.com, for more information about how to [register](#) and get students started!

Fun Facts and Trivia

The word Jaguar has been derived from Native American word 'yaguar' which means 'he who kills in one leap'.

The DNA tests have revealed that jaguars belong to the same ancestor as tiger, leopard, snow leopard, and clouded leopard.

Jaguar's are only found in the Americas. Their range extends from Arizona in South-west United States, Mexico, through Central America, into most Amazon River Basin countries in South America and as far south as northern Argentina.

They are the largest cats in Southern America and third largest in feline category with the recorded weight of over 350 pounds.

The jaguar's preferred habitat is dense rainforest, but they are also found across other forested areas and open plains

Jaguars have rose-like markings or rosettes on their skin which help them camouflage in dense forests.

Like the tiger, jaguars enjoy water and are good at swimming.

The jaguar stalks and ambushes its prey, often leaping into water or from a tree.

Jaguar kittens stay with their mother from 1-1.5 years.

Jaguars are carnivores, they prey on over 80 species of animal of all sizes, such as deer, pigs, capybara, foxes, fish, frogs and even large anaconda snakes.

Many ancient American cultures such as the Maya and Aztec, featured the jaguar in their mythologies, it was often regarded as a symbol of strength

Argentina's national rugby team badge includes a jaguar. However, a historical error resulted in the team being nicknamed to this day, Los Pumas (the pumas).

Jaguar is the luxury vehicle brand of Jaguar Land Rover, a British multinational car manufacturer with its headqu in Whitley, Coventry, England, owned by the Indian company Tata Motors since 2008.

In 1933, two motorcycle enthusiasts named William Lyons and William Walmsley took their Swallow Sidecar Company and formed SS Cars Ltd., producing their first car, the SS Jaguar, in 1935.

Following World War II, SS Cars formally changed its name to Jaguar and began producing sports cars such as the XK120, XK140, and the E-Type.

Jaguar climate tests all its vehicles in a freezer at -40 degree Fahrenheit for 12 hours. Then they stick the cars into a wind tunnel with air streams that are 0 degrees all while spraying the car with water. This is to ensure that, no matter how cold it gets outside, your Jaguar will run like a dream.

Newer Jaguar cars are designed in Jaguar Land Rover's engineering centers at the Whitley plant in Coventry (UK) and at their Gaydon site in Warwickshire (UK), and are assembled in their plants at Castle Bromwich and Solihull (UK).

Issues of the Wednesday Reader are archived on the Montana Business Education Association (MBEA) website at www.mbea.info. The Wednesday Readers are under the Newsletter section and listed most-recent first.

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"You don't make decisions because they are easy; you don't make them because they are cheap; you don't make them because they're popular; you make them because they're right." ~Rev. Theodore Hesburgh