

## The Wednesday Reader

### November 14, 2018

Please note, with the Thanksgiving holiday next week, there will not be a Wednesday Reader for Wednesday, November 21. Also, I will be out of the office all week, November 19-23. Enjoy your Thanksgiving Break.

#### State Match Funding for Broadband Internet Access

The [Montana Department of Commerce Community Development Division](#) is accepting applications for state match funding for schools to upgrade their internet access. All public Montana K-12 schools are eligible to apply regardless of location.

Visit the [Community Development Division's website](#) for the application and more information about the program.

#### Friday, November 16 is Deadline to Nominate Your Seniors for the 2019 CTE U.S. Presidential Scholars Program

The U.S. Presidential Scholars Program was established in 1964, by executive order of the President, to recognize and honor some of our nation's most distinguished graduating high school seniors. In 1979, the program was extended to recognize students who demonstrate exceptional talent in the visual, creative and performing arts.

In 2015, the program was again extended to recognize students who demonstrate ability and accomplishment in career and technical education fields. Each year, up to 161 students are named as Presidential Scholars, one of the nation's highest honors for high school students.

All high school seniors that are CTE Concentrators (3 Credits or more of CTE) and graduating between January and June of 2019, who are U.S. citizens or legal permanent residents and who attend public, parochial, or independent schools, as well as those who are home-schooled, are eligible.

The candidates will go through the application process, and as in the past, the 2019 U.S. Presidential Scholars will be selected by the Commission on Presidential Scholars and receive the Presidential Scholars Medallion at a ceremony in their honor in Washington, DC.

Nominations of Montana CTE students for the 2019 CTE U.S. Presidential Scholars Program are due November 16, 2018.

Details about the [CTE U.S. Presidential Scholars Program](#) can be found on the OPI website at <http://opi.mt.gov/Educators/Teaching-Learning/Career-Technical-Education/US-Presidential-Scholars-Program>, along with the [Selection Timeline](#) and [Presidential Scholar Nomination form](#).

The nominations forms are to be sent to via electronic format the appropriate OPI CTE Specialist

--Agriculture Education: Shannon Boswell, [Shannon.Boswell@mt.gov](mailto:Shannon.Boswell@mt.gov)

--Business Education: Eric Swenson, [ESwenson@mt.gov](mailto:ESwenson@mt.gov)

--Family & Consumer Sciences Education: Megan Vincent, [MVincent2@mt.gov](mailto:MVincent2@mt.gov)

--Health Science Education: Renee Erlandsen, [RErlandsen@mt.gov](mailto:RErlandsen@mt.gov)

--Industrial Trades & Technology Education: Don Michalsky, [DMichalsky@mt.gov](mailto:DMichalsky@mt.gov)

#### Friday is Due Date for 2019 Next Gen Personal Finance Summit Applications

**Who You Are:** You understand the importance and value of personal finance education. You acknowledge that students must learn to manage money, create budgets, and build good credit habits to become financially secure adults in the 'real world'. You are committed to improving financial education in your community.

**Who We Are:** [Next Gen Personal Finance](#) (NGPF), a non-profit, is a passionate team of educators delivering free personal finance curriculum, professional development, and advocacy support to over 12,000 teachers nationwide. Our mission is simple: To revolutionize the teaching of personal finance in all schools and to improve the financial lives of the next generation of Americans.

**Together We Will:** Transform the financial future of your community.

Sound good? Then perhaps the 2019 NGPF Summit is for you

**When:** Starting at 5 pm on Friday, March 15 and concluding at 3pm on Sunday, March 17, 2019

**Where:** JW Marriott Hotel, San Francisco, California

**Cost:** Roundtrip transportation to San Francisco ONLY. The rest of the weekend, including accommodation and meals, will be underwritten by NGPF. (Partial travel scholarships available)

To apply, complete the Google Form at <https://goo.gl/TT2ACR>.

The application deadline is Friday, November 16, 2018. [View Summit 2019 eligibility requirements](#).

### **2018-2019 Montana Teenpreneur Roundup Now Open for Student Submissions**

Do you teach students who exhibit an innovative spirit, the kind who ask "How might we?" or "Couldn't we try it this way?" or "I have an idea." Are you looking for a unique Project-Based Learning activity to try with your students? If yes, then please help us find, celebrate and reward Montana's next generation of entrepreneurs and innovators. You know who they are for they are already sitting in your classroom and participating in your CTSO club.

Now in its third year, [Montana Teenpreneur Roundup](#), sponsored by Bozeman-based nonprofit [One Montana \(onemontana.org\)](#) provides high school students an opportunity to demonstrate their creativity by submitting ideas for innovative products and services that solve problems in their lives and for solutions they see to improve their communities, Montana and the country, as a whole.

Since 2017, the *Roundup* has distributed \$5,000 to students with innovative ideas and their teachers. Students are celebrated during an awards ceremony hosted by the Governor at the Capitol. And, they are eligible to attend an all-expenses-paid 4-day accelerated entrepreneurship workshop at Montana State University.

The *Roundup* seeks students who have...

Category 1- New Business Ideas: Students with innovative ideas for new products or services that have the potential to improve our lives. It doesn't matter if the idea is serious or whimsical as long as it is an innovative solution to a contemporary problem.

Category 2- Existing Businesses: Students who already run small businesses. Some do it to earn spending money, while some do it as fundraising projects for their school clubs. It doesn't matter how small the existing business is, as long as it is profitable.

For more information about *Montana Teenpreneur Roundup*, go to [www.OneMontana.org](http://www.OneMontana.org) and click on the hyperlink for the *Roundup*.

### **Looking for Resources to Teach Online Safety? Try these Free Online Resources**

Microsoft Education ([education.microsoft.com](http://education.microsoft.com)) has developed free online safety resources for parents, students, and educators. [Visit their website \(education.microsoft.com/onlinesafety\)](#) for more a variety of resources to boost your online safety curriculum.

Common Sense Media ([commonsensemedia.org](http://commonsensemedia.org)) also has great online resources for [parents](#) and [educators](#).

Google's [Be Internet Awesome \(beinternetawesome.withgoogle.com/en\)](http://beinternetawesome.withgoogle.com/en) site also has resources and curriculum to help teach students how to be safe online.

### **November 30 is Deadline to Complete the Montana CTE Survey from Montana CTE**

The Montana ACTE board continually strives to provide effective leadership to its membership.

One way is to conduct a yearly survey of its membership as well as survey the participants of the recent Fall Institute. For those who complete the survey and submit your name, you will be entered in to a drawing for a membership for ACTE.

The survey should take approximately 5-10 minutes. Click on the link below to participate in the annual [Montana CTE survey](#).

[https://docs.google.com/forms/d/e/1FAIpQLSfN7HPJLC6HjoQmhsqKDOziFlvmGZTxAtihH5v0nCOsLc\\_Rjw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfN7HPJLC6HjoQmhsqKDOziFlvmGZTxAtihH5v0nCOsLc_Rjw/viewform)

Please complete the survey by November 30.

Mark your calendars for the Montana ACTE 2019 Institute—October 17-18 in Great Falls at the Heritage Inn.

### **Graduate Credit Available for ACTE Region V 2019 Leadership Conference—Only \$99**

The [ACTE Region V's 2019 Leadership Conference](#) will be held in Bozeman, Montana, April 10-13, and Montana ACTE is excited to provide attendees with an added benefit. Attendees of the ACTE Region V 2019 Leadership Conference will be able to earn graduate-level college credit from Montana State University Billings. The cost for the credit is \$99.00—and keep in mind Montana does not have a sales tax.

The Montana Association for Career and Technical Education has partnered with Montana State University Billings to provide ACTE Region V 2019 Leadership Conference participants with the option to earn one (1) graduate-level credit from MSU Billings' Extended Campus. Registration and payment for the credit can be completed at <https://goo.gl/7k4WRi>.

The credit, EDCI 589-400, is not applicable to a Master's degree offered by MSU Billings; however, the credit may be used to fulfill K-12 licensure requirements, "lane changes," or other continuing education requirements for professionals.

[ACTE Region V 2019 Leadership Conference](#) attendees who wish to earn the graduate credit will be required to provide proof of registration and attendance (such as a copy of registration receipt and nametag), provide a written agenda/synopsis listing all the conference sessions and all the conference-related activities attended (including workshops, tours, networking sessions, etc.), and create a lesson plan in which materials and/or resources gained from the ACTE Region V 2019 Leadership Conference are implemented. All materials will need to be submitted by May 3, 2019.

For complete details about the credit offering, including a syllabus, a template for the lesson plan, directions for utilizing the lesson plan template, and a copy of the rubric which will be used to evaluate the lesson plan and lesson materials can be found on the ACTE Region V website at [www.acteonline.org/region-page/region-v-events](http://www.acteonline.org/region-page/region-v-events) along with other details regarding the 2019 event in Bozeman.

Questions regarding the graduate credit offering can be sent to Eric Swenson at [eswenson@mt.gov](mailto:eswenson@mt.gov). See you in Bozeman.

### **ACTE Region V 2019 Conference in Bozeman—Details for Your Calendars and Funding Budgets**

This coming spring, the [Montana Association for the Career & Technical Education](#) (Montana ACTE) will be hosting the [Association for Career and Technical Education's](#) western-region conference in Bozeman.

April 10-13, ACTE member from all across the western US and throughout the Pacific Islands will be taking parting in the [2019 Region V Leadership Conference](#) in Bozeman. The conference, *CTE Roundup Under the Big Sky*, will be held at the GranTree Inn.

Montana ACTE members will be able to register at a discounted rate of \$350, a \$75 savings off the \$425 Early-Bird rate. The deadline to register with the Montana ACTE member rate will be February 15, 2019.

The room rate at the Best Western Plus GranTree Inn is \$94 plus taxes. Reservations can be booked directly with the GranTree Inn by calling 406.587.5261 and using group code *MACTE*.

Details about the 2019 ACTE Region V Leadership Conference, include a tentative schedule, can be found at [www.acteonline.org/state\\_region/region-v](http://www.acteonline.org/state_region/region-v). A pre-conference tour to Big Sky and West Yellowstone will be held on Wednesday, April 10 with business/industry tours throughout the Gallatin Valley on Thursday and Friday, April 11 and 12.

If interested in being a part of the conference's program, the [Call for Presentations](#) is now open and can be completed online at <https://docs.google.com/forms/d/e/1FAIpQLSdbsul0vQzz1sfNgCZf8M335X2QLrSTdWrUPOxCT9a18uzbeQ/viewform>. Breakout sessions will be held Thursday and Friday, April 11 and 12.

### **WBEA 2019 Conference in Tucson, AZ, February 14-18—Early-Bird Registration Ends December 7**

The Arizona Business Education Association invites you to Tucson, February 14-18, for the [2019 Western Business Education Association Conference](#).

The [2019 Conference](#), *Lasso Your Legacy*, will be held at the [El Conquistador Resort](#) with room rates at \$159 plus tax. Reservations can be made by contacting the El Conquistador at 800.325.7832 and using the group code WBEA to get the conference rate.

Registration is now open and can be completed online at [wbeaconference2019.org](#). The early-bird rate of \$275 is good thru December 7.

For more information about the [2019 WBEA Conference](#), including planned conference tours, please visit [wbeaconference2019.org](#).

### **Sign up for the Hour of Code—December 3-9**

In just a few weeks, it will be time to kick off the largest learning event in history ... for the sixth time. December 3-9, 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.

**Spread the word & recruit your whole school** and [use these helpful resources](#) to promote your event. Help recruit more people from your school and community by [sending our sample emails](#) to your principal, a local group, or even some friends.

#### **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.

### **Check out Google's New CS First Hour of Code Activity**

Two characters meet in a world and discover a surprising object. What happens next? It's all up to students, who have the opportunity to use their imagination and creativity to code their own story with Google's [CS First's](#) new activity for Hour of Code 2018, "[An Unusual Discovery](#)." Using CS First tutorial videos and Scratch, a block-based coding language, any student can become a storyteller or programmer.

This updated activity is available in English and Spanish and uses the optimized Scratch 3.0. This version includes new design libraries, more tools, and functions on different devices. Users have access to "An Unusual Discovery," a fun, interactive activity that

can be completed in under an hour. It is teachable by anyone - no computer science background is required. Get started with the activity at [csfirst.withgoogle.com/c/cs-first/en/an-unusual-discovery/overview.html](https://csfirst.withgoogle.com/c/cs-first/en/an-unusual-discovery/overview.html).

Check out the collection of CS First resources and digital lesson plans at [csfirst.withgoogle.com/en/teachers](https://csfirst.withgoogle.com/en/teachers).

### **December 1 is Deadline to Register for the American Computer Science League**

Students who have participated in the [American Computer Science League](https://www.acsl.org) (ACSL) develop strong, independent problem solving skills and get exposure to college-level CS concepts that put them well ahead of their classmates. Former students have shared that [ACSL](https://www.acsl.org) topics show up in 400-level college courses, even non-CS courses, and job interviews. Students who have qualified for the annual All-Star contest experience trips of a lifetime.

Each of the 5 possible divisions is tailor-made to your students' background and the size of your school or club. There is a division for every student in grades 3-12 and 3-person divisions for smaller high school programs. The Classroom Division doesn't include any programming for your AP CS Principles students.

For the first time in 41 years, all topics have on-line Wiki pages available with sample problems and videos for your students to watch. Every programming problem for each contest has never been used before and is tailored to the students' level of ability. As in the past, ACSL will send, upon registration, a free contest year question CD to all new advisors who are members of the Computer Science Teachers Association (CSTA).

Make sure your students have these opportunities available to them by [registering](https://www.acsl.org) today at [www.acsl.org](https://www.acsl.org).

### **Looking for Resources or Ideas for Cybersecurity? Check out the New Principles of Cybersecurity for Free**

This new program from Goodheart-Willcox includes everything you need to teach a Cybersecurity course and help prepare students for industry-recognized certification: CompTIA Security+ and Microsoft MTA Security Fundamentals.

The certification-driven text is designed with effective pedagogical elements pretests and posttests, certification objectives, essential questions, key terms, and learning goals, plus formative and summative assessments and activities that foster critical-thinking, research, and communication skills. End-of-chapter sections include many differentiated learning opportunities: Application and Extension of Knowledge, research projects, online activities CTSO Event Prep Suggestions, and Portfolio Development guidelines.

The Laboratory Manual provides hands-on practice with questions and lab activities, and the Companion Website features interactive activities. Special features throughout the text include Case Studies that connect the content to real-life situation, Ethical Issues that present situations which require good judgment, and Quick Look features that give students hands-on applications.

CSTA members can order a free preview sample today. Visit [www.g-w.com/preview](https://www.g-w.com/preview) and enter promo code: *CyberCSTA*.

### **Check Out the New CodeHS and RaiseMe Partnership—\$scholarships for Students**

CodeHS is proud to partner with RaiseMe to support students on their path to college by earning micro-scholarships for their achievements in high school.

Now, any high school student who is currently enrolled or has completed an AP course on CodeHS can create a RaiseMe account and start earning college scholarships! With over 250 colleges and universities offering scholarships on the RaiseMe platform, CodeHS students have unparalleled opportunities.

How It Works:

1. Enroll in an AP Course on CodeHS
2. Sign up for RaiseMe
3. Add CodeHS to your RaiseMe portfolio
4. Discover colleges
5. Earn college scholarships

To learn more, visit [codehs.com/info/resources/raiseme](http://codehs.com/info/resources/raiseme).

### **CSTA 2019 Conference Call for Proposals**

Interested in attending the [2019 Computer Science Teachers Association Annual Conference](#)? Consider submitting a [Call for Proposal](#) for the 2019 CSTA Conference in Phoenix.

Do you have great CS classroom strategies, super ideas for impacting CS education policy, or innovative approaches to teaching CS concepts? Submit a proposal to share them in a workshop or session at the 2019 CSTA Conference in Phoenix, AZ, next July 7-10. Call for Proposals are due December 2, 2018.

Conference details, and a link to the Call for Proposals, can be found at [www.csteachers.org/page/2019Conference](http://www.csteachers.org/page/2019Conference).

### **Fall 2018 CTE Data Collection—Time to Report Post-Graduation Status of CTE Concentrators for Perkins**

The Fall 2018 CTE Data Collection begins on October 1 and ends December 31, 2018. The Fall CTE Data Collection is a follow up to last year's Spring CTE Data Collection. Students identified as CTE Concentrators last year (2017-2018) and graduated in the spring of 2018 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 2017-2018 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*' tab.

*PLEASE NOTE: Be sure to verify the list of CTE Concentrators* from what your district submitted last spring. Any additions, corrections, or changes to the list of CTE Concentrators must be made no later than November 15, 2018, to be accurately reflected in federal reporting and used to compute Perkins Performance Indicators for your school.

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](mailto: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](mailto:chendricks@mt.gov).

### **Department of Defense (DoD) SMART Scholarship Program—Full Tuition + More**

The [Department of Defense \(DoD\) SMART Scholarship Program](#) ([smartscholarshipprod.service-now.com/smart?id=smart\\_index](http://smartscholarshipprod.service-now.com/smart?id=smart_index)) is an opportunity for students pursuing an undergraduate or graduate degree in STEM disciplines to receive a full scholarship and be gainfully employed by the Department of Defense upon degree completion.

SMART Scholars will receive:

- A full tuition scholarship while in school
- An annual stipend
- Summer research internships
- A job after graduating in their STEM field at a cutting edge Department of Defense Facility

Applicants must:

- Be a citizen of the United States and 18 years of age or older
- Have a minimum cumulative GPA of 3.0 on a 4.0 scale
- Be pursuing a technical undergraduate or graduate degree in one of the [21 specified STEM disciplines](#)

For more information, visit [smartscholarship.org](http://smartscholarship.org) to learn more and for your students to apply.

A [poster](#) and [brochure](#) can be downloaded to make sharing with students easier.

The deadline to apply is December 1, 2018.

### **Fun Facts and Trivia**

Kyoto is the former capital of Japan and for more than a thousand years, the center of traditional Japanese culture.

Kyoto is 315 miles southwest of Tokyo and 25 miles east of Osaka.

Kyoto was chosen as the capital for its safety. It's far enough inland that it doesn't suffer typhoons, and is one of the least geologically active areas in Japan

Kyoto forms part of a large urban complex referred to as the Kinki region, which includes Osaka and Kobe as well.

The original name of Kyoto was Heiankyo, or Capital of Peace, but the city came to be called Kyoto, meaning the Capital.

In the year 1192, Kyoto lost its political power to Tokyo; later, Tokyo became the official capital.

During World War II, Kyoto was originally considered an atomic bomb target as it was believed as an intellectual center of Japan, it had a population large enough to possibly persuade the emperor to surrender; however, Secretary of War Henry L. Stimson insisted the city be removed from the list and was replaced by Nagasaki.

Kyoto has several hundred Buddhist temples and Shinto shrines, a castle, three palaces, beautiful parks and gardens, numerous museums, and more than 30 colleges and universities.

It is believed that there are over 1000 Buddhist temples in Kyoto. The mother of all shrines, Fushimi-Inari-Taisha, has mesmerizing arcades of vermilion *torii* (entrance gate to a Shintō shrine) spread across a mountainside.

The Nijo Castle, erected early in the 17th century for Ieyasu, the founder of the Tokugawa military dynasty, is one of the most splendid of all Japanese structures. Besides being a fine example of traditional Japanese architecture, it is famous for its painted decorations executed by Kano Tanyu and his assistants and for its beautiful garden designed by Kobori Enshu.

Of the three great Shinto shrines in Kyoto, the Heian Jingu was erected only in 1895, to commemorate the 1,100th anniversary of the founding of the city. It is, however, a most impressive structure, based on the old Imperial Palace.

Kyoto University, established in 1897 and one of the former imperial universities, is considered the best in Japan after Tokyo University.

The city of Kyoto offers the entire spectrum of Japanese food, from impossibly refined cuisine known as *kaiseki*. Many of Kyoto's restaurants are in traditional wooden buildings, where you can have your brunch in the nature's lap.

The festivals in Kyoto are famous not only in Japan but are also known worldwide with the three major festivals of Kyoto being the Aoi-matsuri Festival in early summer, the Gion-matsuri Festival in mid-summer, and the Jidai-matsuri Festival in fall.

Cell phones from countries other than Japan usually don't work in Kyoto.

The oldest novel in the world, Shikibu Murasaki's *The Tale of Genji* is set in Kyoto during the Heian Period.

Forget grocery stores in Kyoto, while they do exist, most neighborhoods have their own collection of food shops, each with a specialty, all on one street.

Kyoto has a famous shopping street with very unusual shops, including one that just sells every imaginable type of miso paste (in every shade), and another that sells nothing but variations on green tea

Kyoto is very famous for its matcha (green tea) drinks and foods.

The population of Kyoto is around 1.5 million people.

Issues of the Wednesday Reader are archived on the Montana Business Education Association (MBEA) website at [www.mbea.info](http://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