

## ***The Wednesday Reader*** ***September 9, 2020***

### **New CTE Professionals Virtual Workshop 2020**

The New Career & Technical Education (CTE) Professionals Workshop traditionally held the Wednesday prior to the Montana ACTE Institute each October will be held virtually this fall.

The [New CTE Professionals Virtual Workshop 2020](#) will be conducted over five (5) Tuesday afternoons from September 22 to October 20. Each session will be held from 4:00-5:15 pm.

The New CTE Professionals Virtual Workshop 2020 will include both joint and breakout sessions on a variety of topics related to Career & Technical Education, Perkins and State CTE funding, Data Collections, Advanced Learning Opportunities through Dual Enrollment and Work-Based Learning, Classroom Safety & Liability, and Marketing CTE.

The New CTE Professionals Virtual Workshop 2020 will continue to be held **free** of charge and all sessions will be conducted via Zoom. Up to six (6) OPI Renewal Units will be available.

Details about the New CTE Professionals Virtual Workshop 2020 and a link to register for this free event can be download at [bit.ly/NewCTEProWS2020Info](http://bit.ly/NewCTEProWS2020Info). It is requested all registrations be submitted by the end of the day Wednesday, September 30.

### **Register for Free: Adobe MAX—The Creativity Conference, October 20–22**

Join Adobe for a free virtual event unlike any other. Learn from education leaders who are engaging students in the classroom and beyond, and gain insights into their best practices for distance learning.

[Adobe MAX](#)—The Creativity Conference will be held virtually this year, October 20-22, and all can attend for FREE, an over \$1500 value.

[Adobe Max 2020](#) will feature over 350 session across 10 tracks with world-wide speakers.

Visit [max.adobe.com](http://max.adobe.com) today for more details and to complete your FREE registration. Registration requires a free Adobe ID account. If you do not have an Adobe ID, you can [create your account](#) today for free.

### **Supporting Safe & Healthy Communities During the Start of the School Year**

[EVERFI](#) is excited to partner with Facebook to share the Get Digital program on their platform. The program is designed to provide research-informed lessons, tips and resources to help young people develop the competencies and skills they need to more safely navigate the increasingly complex and connected digital world.

This training provides details on getting started with Get Digital. Attendees will receive: 1 hour PD certificate for technology integration + Free, turn-key digital lessons and supplemental activities.

[Click here for more info and to join the On-Demand Webinar.](#)

### **NGPF is Awarding FREE, Three-Yearlong Nearpod License Grants—Applications Due September 14**

[Next Gen Personal Finance](#) (NGPF) is thrilled to announce they will be providing more FREE, three-year Nearpod licenses for teachers around the country. Given the number of applications received over the summer during the first round of Nearpod license grants, they thought you might be interested in this opportunity. If you are chosen as a recipient you will get access to a District-level Nearpod license with all the bells and whistles as well as 20 GB of storage for three years.

Both NGPF and Nearpod recognize the time and effort educators have put into making sure lessons are both engaging and rigorous for your students. They hope having access to a student engagement platform like Nearpod will provide you with more instructional options this Fall. Complete the [application](#) by September 6, 2020, for an opportunity to win a Nearpod license grant.

Factors that will be considered while reviewing applications: Teaching personal finance or a finance-related course, Nearpod experience, participation in Nearpod PDs and your WHY. If you apply for an NGPF Nearpod License Grant you will receive an email notifying you of your application status on Monday, September 14, 2020.

The application can be completed at

[https://docs.google.com/forms/d/e/1FAIpQLSfNbAH3SykPaDWuLsNvBrkJn7tYsSOx9HXhEyoFPA\\_n8TnoXA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfNbAH3SykPaDWuLsNvBrkJn7tYsSOx9HXhEyoFPA_n8TnoXA/viewform).

### **National Standards for Business Education 2020 Released & Available on NBEA Website**

Business education is changing faster than ever. Is your curriculum keeping up? Find out with a copy of the new [2020 Standards for Business Education](#) ([nbea.org/page/BusinessEdStandards](http://nbea.org/page/BusinessEdStandards)). The digital edition is available to NBEA members for no additional cost in NBEA's Business Education online [library](#). Hard-copies are also available in the NBEA online [store](#).

NBEA developed this *fifth edition* of the National Standards for Business Education. The standards, first published in 1995 at the request of business educators throughout the country, was then, and is today, at the leading edge of business and career education. Preparing students for the workplace demands a dynamic curriculum—perhaps more dynamic than any other academic discipline. The workplace undergoes constant change. Tomorrow's challenges cannot be met using yesterday's skills. Numerous business educators and business professionals volunteered their time and expertise to review and revise these standards for what students should know and be able to do in business. These educators, who represent their colleagues at all instructional levels, believe strongly in the importance of the standards and consider them a major contribution to the improvement of both personal and career directed education.

The [National Standards for Business Education](#) are based on a comprehensive curriculum model that integrates ten content areas including: accounting business law, career development communication, economics/personal finance, entrepreneurship, information technology, international business, management, and marketing.

Visit [nbea.org/page/BusinessEdStandards](http://nbea.org/page/BusinessEdStandards) to download or purchase a copy of the new standards. To download, you will need to be a member and have/create a NBEA profile.

### **Access & Download Updated Montana Business & Marketing Education Curriculum Resources**

Many of the resources files used in Business and Marketing Education curriculum planning and Career & Technical Education reporting have been updated for the 2020-2021 school year. All files can be download at [bit.ly/MTBusEd20-21](http://bit.ly/MTBusEd20-21)

#### **Montana Business Education Planning Calendar**

The Montana Business Education Planning Calendar contains a listing of professional development opportunities, CTE reporting deadlines, and Career & Technical Student Organization events. The calendar has been updated for events which have been switched from face-to-face to virtual.

#### **Framework for Business Education in Montana**

The Framework for Business Education in Montana is a guide to assist with curriculum planning and course development. The Framework is organized into five areas/clusters: Business Education Foundations, Business Management & Administration, Finance, Information Technology, and Marketing. The Framework is aligned to the National Standards for Business Education (2013) and is crosswalked to the competitive events of both Business Professionals of America and DECA as well as to the National Standards for Business Education.

#### **Framework CTSO Crosswalks 2019-2020**

This file is an updated crosswalk to the BPA and DECA competitive events from the 2019-2020 school year. This file will be updated within the coming weeks for the 2020-2021 school year. I will let you know when the updated crosswalks are available.

#### **TEAMS K-12 Course Codes-Business & Marketing Education Manual for 2020-2021**

While the publication uses the title "Reference Manual for Business & Marketing Education", it does contain all the national course codes for all subject areas, grades K-12. The Table of Contents I have added is specific for the courses taught within Business and Marketing Education programs. Please the notes on pages iii and iv and the course additions on page iv as course 10020 Cybersecurity was added for this year.

#### **TEAMS Participation Report Worksheet**

This worksheet can be used to map your courses to the courses codes and report enrollment numbers and extended contract days (if applicable) and shared with the individual(s) in your school/district who complete the reporting in TEAMS. If you teach more

than one course in the same instructional period, please be sure the classes and their associated enrollments are listed separately so you receive full credit for all courses taught. The worksheet is available in both Word and PDF formats.

#### [Montana Business Education Statewide Pathways 2020-Compiled](#)

During the summer, all the Secondary Programs of Study of the Montana Statewide Career Pathway were updated to ensure courses and courses listed were current and to add a couple of information pieces to assist schools, students, and parents. The first information piece updated on the Secondary Programs of Study was changing the notation at the top of the pathway course listing from "Students may select individual courses for exploration or a complete Pathway for an in-depth focus" to "Courses listed below provide a suggested sequence of courses for career and curriculum planning. Schools may offer additional courses beyond those listed within local Pathways". The second is adding the notation "Any High School CTE course(s) required for graduation may count towards Pathway completion" below the pathway course listing.

#### [Perkins-CTE Specialist School List Updated 2020-07-06](#)

The list was updated to include new schools, East Helena and Lockwood, and to add new Agriculture Education Specialist Eric Tillman.

If you have problems accessing the shared Google Drive folder, please let me know, [eswenson@mt.gov](mailto:eswenson@mt.gov).

#### [Save the Date—Montana ACTE 2020 Fall Institute Goes Virtual](#)

The Montana ACTE [Fall Institute](#) will be Virtual this year. After thoughtful consideration, the Montana ACTE board is excited to host, for the first time, the 2020 Montana ACTE Virtual Institute as an online, virtual event, happening October 15-16.

Montana ACTE believes this is the safest approach for attendees and looks forward to offering you, from the comfort and convenience of your own home, school or office, an innovative professional development experience that addresses timely topics impacting career and technical education (CTE).

The theme of the Institute, "*Cultivating Connections Through CTE*", will focus on best practices and current "hot topics" for CTE. Engage in virtual interactions and sessions covering high-quality CTE and remote and blended learning environments.

Session topics include:

- CTE Panel - CTE's Role in the Future of Work
- Keynote Presenter, Megan Pollock, The Power of Micromessages as a Tool for Student Success
- Montana Two Year Colleges - Montana's High Wage Opportunities
- Work Based Learning Best Practices
- Literacy in CTE
- A Teacher's Guide to Facilitating Online Learning
- Youth Entrepreneurs - Montana Showcase
- And more!

[Registration](#) for this virtual event will be \$85 for ACTE members and \$125 for non-members. Registration will open the week of September 7.

#### [Council for Economic Education Financial Literacy & Economic Education Conference—September 30-October 2](#)

The [Council for Economic Education](#) knows you're busy figuring out the start of school, but they hope you'll take a few hours this fall for your own professional development.

This year, the [CEE's Financial Literacy & Economic Education Conference](#) is going virtual and it will provide you the tools to bring personal finance and economic education into your classroom with confidence. The virtual conference will be held September 30-October 2, 2020.

#### [Conference Highlights:](#)

Tailored and Topical Subjects: From teachers who want to introduce kindergartners to the concepts of making, growing, and saving money, to teachers of AP Economics, CEE has programming for classes and coursework at every level.

50 Unique Sessions: Choose from a variety of subjects over the course of three afternoons to learn practical tips and engaging ways of incorporating financial literacy and economics into your curriculum.

Connect with Peers: Share your expertise and learn what's working (and what isn't) from your fellow educators. And hear our inspiring keynote speakers talk about their work in economics and personal finance.

Invest in Your Career: These sessions will remain available to you for the whole school year and can count toward your state required continuing education credits.

Something for Every Educator—Check Out the Sessions

- Avocados, Toothpaste, Trumpets! Teach Families Financial Literacy Through Children's Novels
- Fun Formative Assessments: Econ Style!
- Gamifying Personal Finance Using the NGPF Arcade
- Award-Winning Teachers Share Best Practices
- Lessons on Globalization, Robots, and You!
- Implementing a K–12 Financial Literacy Initiative in Your District or School
- Non-Traditional Technological Approaches for Youth Financial Education
- Decisionomics: Infuse Economic Decision-Making into Elementary Mathematics
- The Tools of Monetary Policy Have Changed. Has Your Instruction?
- Pint-Sized Savers: Financial Literacy for Kids!

For complete conference details, including registration, please visit [councilforeconed.pathable.co](http://councilforeconed.pathable.co). Registration is now open; the registration fee is \$99.00.

### **[Registration is Now Open for the 2020 NICE K12 Virtual Cybersecurity Education Conference](#)**

The National Initiative for Cybersecurity Education (NICE) and iKeepSafe are happy to announce that [Early Bird Registration](#) pricing for the [2020 NICE K12 Cybersecurity Education Conference](#) is NOW OPEN.

The [2020 NICE K12 VIRTUAL Cybersecurity Education Conference](#) takes place December 7-8, 2020. Pre-Conference Workshops will take place on December 5-6.

This year's event will provide education and learning tools that educators and schools can use immediately. You can access it all from the convenience of your home or office.

The [2020 NICE K12 VIRTUAL Cybersecurity Education Conference](#) will be jam-packed with keynote speakers, presentations, panels, and break-out sessions covering five tracks:

- Increasing Cybersecurity Career Awareness
- Infusing Cybersecurity Across the Educational Portfolio
- Integrating Innovative Cybersecurity Educational Approaches
- Designing Cybersecurity Academic & Career Pathways
- Promoting Cyber Awareness

The conference agenda will include both LIVE virtual programming sessions and ON-DEMAND video content. ALL of the content will be available to attendees for up to a year post-event. PLUS abundant networking opportunities including discussion boards, social groups, one-on-one meetups, gamification, and more!

Join your fellow educators, administrators, school counselors, students, and representatives from government and industry at what is sure to be an AWESOME event. The \$125 Early Bird Registration pricing lasts only until October 15, 2020, so get your tickets now.

To check out complete conference details, please go to [k12cybersecurityconference.org](http://k12cybersecurityconference.org).

### **[Sign Up Today to Receive CTE- and Perkins-Related Updates & Newsletters from OPI](#)**

The Montana Office of Public Instruction uses the GovDelivery system to send out official OPI communications, periodic updates from programs, details for data collections, and regularly scheduled communications to schools and partners.

Within Career & Technical Education, information is sent out regarding Perkins, State CTE/VoEd funding, CTE & Perkins data collections, and a monthly CTE Newsletter. Additionally, information is sent out via the GovDelivery system for Egrants updates, TEAMS, Professional Learning, and AIM.

If you would like to begin receiving these various updates, you can self-subscribe via the OPI website. Just go to [opi.mt.gov](http://opi.mt.gov), click on the Leadership heading, then select "Subscribe to OPI Emails." On the next page, enter your email address and click the Submit button.

You will be taken to the Subscription Topics page where you can select the emails and updates you wish to receive. For all items related to Career & Technical Education and Perkins, select the checkboxes for CTE Data Collections, TEAMS, CTE Newsletter, CTE/Perkins, and E-Grants.

You can always update and add to your subscriptions at any time by following the same steps.

### **[A New CTE Learning Hub Course is Now Live—Moving CTAE to Online and Remote Learning](#)**

Designed by the Montana Office of Public Instruction's CTE Specialists, the free [OPI Learning Hub](#) course *Moving CTAE to Online and Remote Learning*, will take you through the basics of what you need to know to move your Career & Technical Education (CTE) courses to online/remote learning. Topics include the basic principles and foundations of online learning to specific considerations for your CTE content area.

The complete course can be completed in about three hours and does not need to be completed all at once, the course can be completed as your time permits. After completing the course, an OPI Renewal Unit certificate will be awarded for three (3) renewal units.

Follow these steps to access the *Moving CTAE to Online and Remote Learning* on the Learning Hub:

1. Go to the Teacher Learning Hub ([learninghub.mrooms.net](http://learninghub.mrooms.net))
2. Log in or create an account using the link in the upper right corner
3. Once logged in, you can register for the course
4. From the homepage, click the Search Courses button
5. Scroll down and click on the Academic Content Areas category and then Career & Technical Education
6. Click the course name and then the "enroll me" button
7. This will take you into the course

Once in, click on the Course Information and Navigation activity to watch an overview video for how to navigate the Hub.

When you create your account, you will receive a confirmation email, be sure to check your junk mail. If your email server blocked the confirmation email, please [submit a help ticket](#) to manually confirm your account.

If you cannot find the course when you return to the Hub at a later time, [read this self-help article](#). Any additional Hub questions can be directed to Jessica Bryant at [jbryant3@mt.gov](mailto:jbryant3@mt.gov) or [submit a help ticket](#).

### **[Fun Facts and Trivia](#)**

Clownfish are also known as anemone fish and have many interesting features other than starring in the film "Finding Nemo"

Clown fish are a sub family made up of 28 different species.

Nemo is a false clownfish or a clown anemonefish.

True anemonefish/orange clownfish look very similar but live in different habitats.

The most distinctive traits of clownfish are their orange bodies, three white bands with a black outline and black tips around the fins.

Clownfish are small animals with their bodies reaching up to 4.5 inches long on average.

A clownfish is born male and has the ability to change into a female.

When the dominant female dies, the dominant male will turn into a female and then choose to mate with another male in the group.

Once a clownfish turns to female, they cannot turn back to male.

Females lay around 1000 eggs and the male clownfish will guard the eggs.

They are omnivores, meaning they eat both plants and animals. Their diet consists mainly of algae, zooplankton (tiny animals that live in water) and small crustaceans.

Clownfish are found in coral reefs off the coast of Australia and South Asia.

Clownfish have a symbiotic (long-term mutual benefit) relationship with sea anemone which is a fish-eating plant-like animal that has poisonous tentacles.

The clownfish builds up an immunity to sea anemones lethal sting over time and because of a layer of mucus on the clownfish's skin.

Sea anemones benefit from clownfish who clean them by eating its parasites and dead tentacles, help circulate the water around them, attract potential prey with their bright colors, and provide nutrients from their droppings.

Clownfish in return benefit from sea anemone, who provide food scraps and whose venomous tentacles protect the clownfish from any attack by other fish.

Disney released *Finding Nemo* in US theaters on May 30, 2003.

In order to get the look and the feel of *Finding Nemo's* characters and world just right, Pixar's in-house art team was required to take courses and audit lectures in marine biology, oceanography, and ichthyology while enrolling in scuba diving classes.

In the movie, the turtle kids' shells were designed to look like Hawaiian shirts.

The tiki heads in the fish tank in Dr. Sherman's office are caricatures of Pixar employees.

With a total fleet of eight submarines, the *Finding Nemo Submarine Voyage* in Disneyland has one of the largest collections of submarines in the world.

The Disneyland submarines first set sail in 1959 when the ride *20,000 Leagues Under the Sea* opened.

In 2007, the ride was re-imagined and re-opened as *Finding Nemo Submarine Voyage*.

Meanwhile, at DisneyWorld, Nemo hangs out at Epcot Center in Future World West.

The Seas with Nemo and Friends at Epcot Center immerses guests into a world of oceanic discovery.

The Seas with Nemo and Friends was originally called The Living Seas and opened in January 1986; the current Nemo-themed ride opened in November 2006.

The Seas with Nemo and Friends aquarium is home to eighty different species of marine life and houses over eight thousand creatures.

The tank itself is two-hundred-and-seven feet in diameter and contains over five million gallons of salt water.

The "Nemo" aquarium used to be the largest aquarium in the world until the Georgia Aquarium surpassed its record.

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.

Eric Swenson  
Business Education Specialist  
Montana Office of Public Instruction  
PO Box 202501  
Helena, MT 59620-2501  
406.444.7991  
406.444.1373 (Fax)  
eswenson@mt.gov



*"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*