

# CTE DISTANCE TEACHING AND LEARNING

## Monthly Newsletter Supporting Career Technical Education

SEPTEMBER 2020

### HIGHLIGHT FROM THE FIELD

Last month, Palo Alto Unified School District Teachers Kevin Miske (Jane Lathrop Stanford Middle School) and Hal Roach (Green Middle School) developed a design project [Drafting Breakfast](#) using cereal boxes as the materials to design a mini book case and submitted it to share!

We are looking for submissions to showcase some of the exciting and innovative work happening in CTE classrooms across the nation. [Please submit a highlight](#) for the October newsletter!

### GUIDANCE FOR REOPENING CAREER TECHNICAL EDUCATION PROGRAMS IN CALIFORNIA

The Career and College Transition Division (CCTD) has released [Guidance for Reopening CTE Programs in California](#), focusing exclusively on CTE. It is intended to be an additional, but critical resource for local boards of education and administrators as they consider offering and teaching CTE programs. The guidance is particularly important for CTE teachers to make sure that the curriculum offered and taught remains high-quality even as they take into consideration all the necessary measures for a safe classroom environment.

### CAREER READINESS RESOURCES

The California Career Resource Network's updated [My Stuff Job Central](#) website now includes Resume and Master Job Application builders, plus job search related letter templates. Its paired with the My Stuff Job Central mobile app available for free in the app stores. <https://www.mystuffjobcentral.org/>

[Junior Achievement](#) provides free, [online career readiness resources](#) to K-12 educators and parents, including hands-on activities, videos, and virtual career speakers. Junior Achievement is dedicated to helping young people acquire the knowledge and skills they need to own their economic success, plan for their futures, and make smart academic and economic choices.

### ACTE CORNER

**New Student Video Contest: Advancing Space Exploration through Manufacturing**  
ACTE, host of CTE Month®, and NASA HUNCH are excited to once again collaborate on the 2020-21 student video challenge, showcasing CTE and project-based learning programs in high-demand career fields on earth and in space. Learn more about the [Advancing Space Exploration through Manufacturing](#) challenge. The deadline to submit a video is April 1.

### Innovations in CTE at Virtual VISION

The premier professional development event for career and technical educators, business leaders and industry experts, [Virtual VISION](#) happens Nov 30-Dec. 4. This year's event features hundreds of sessions covering the most timely topics impacting your CTE programs, a vast virtual Expo with innovative engagement opportunities and keynote speakers Sarita Maybin and Kevin J. Fleming.

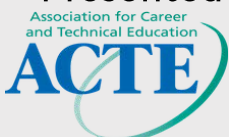
### VIRTUAL WORK BASED LEARNING LESSONS

San Bernardino County ROP has created an incredible resource for virtual WBL activities on Pinterest. Check out the [WBL Pinterest board](#) and access the collection!

**Recommend a lesson plan, work based learning opportunity or resource for the CTE Distance Learning newsletter using this [submission form](#).**

Subscribe to this newsletter by sending a blank email to: [subscribe-cctd-updates@mlist.cde.ca.gov](mailto:subscribe-cctd-updates@mlist.cde.ca.gov)

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# SECTOR SPECIFIC GUIDANCE AND RESOURCES

## PLANNING FOR REMOTE CTE INSTRUCTION: STRATEGIES, TOOLS AND BEST PRACTICE

This [webinar resource document](#) from the CDE webinar on 9/9/2020 has links to planning documents, sector specific resources and other tools and information to support CTE distance Learning efforts. For access to on-demand CTE Distance Learning webinars, visit [CDE's Career and College Transition Division Youtube playlist](#).

The California Department of Education Industry Sector Leads have also released a [Sector-Specific Guidance Document](#) that offers direct links to resources unique to each industry sector.

### AGRICULTURE AND NATURAL RESOURCES

[American Farm Bureau for Agriculture free resources and lesson plans](#)

### ARTS MEDIA AND ENTERTAINMENT

[Nickelodeon Free Animation Resources](#), podcasts, on-demand master classes and more

### BUILDING AND CONSTRUCTION TRADES

[California Industrial and Technology Association Free Distance Learning Lesson Plans](#)

### BUSINESS AND FINANCE

[MBA Research Ethical Leadership Course Package](#)

### EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES

PBS Media's [The Developing Child](#) collection

### ENERGY, ENVIRONMENT AND UTILITIES

Engage in an [Energy Challenge](#) and a [Green Careers Webinar](#) series with [Energize Schools](#) this fall.

### ENGINEERING AND ARCHITECTURE

[Free and low cost web-based CAD solutions](#)

### FASHION AND INTERIOR DESIGN

[Fashion Institute of Design and Merchandising's](#) menu of free lesson plans

### HEALTH SCIENCE AND MEDICAL TECHNOLOGY

[Introduction to Health Careers Online Course](#) modules and lessons by Colton Redlands Yucaipa ROP

### HOSPITALITY, TOURISM AND RECREATION

Online resources from the [Culinary Institute of America](#)

### INFORMATION AND COMMUNICATION TECHNOLOGIES

[Introduction to Information and Communications Technology Online Course](#) modules and lessons by Colton Redlands Yucaipa ROP

### MANUFACTURING AND PRODUCT DEVELOPMENT

[Introduction to Manufacturing Careers Online Course](#) modules and lessons by Colton Redlands Yucaipa ROP

### MARKETING SALES AND SERVICES

Socially conscious advertising lessons with [Critical Media Project](#)

### PUBLIC SERVICES

Law and Public Safety Education Network [Community Relations, Race Relations, and Community Policing collection](#)

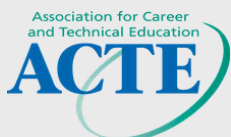
### TRANSPORTATION

[OER resources](#) for Automotive Programs

CTE Online Community Groups require you to create a free account.

\*This publication is organized around California's 15 CTE Industry Sectors

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# PROFESSIONAL DEVELOPMENT AND STUDENT OPPORTUNITIES

## CDE CTE DISTANCE LEARNING WEBINAR SERIES

View previous CDE webinars on the [Career and College Transition Division Webinars YouTube Archive](#)

All sessions begin at 3pm

- 9/23 [Canvas OER and Master CTE Courses for Remote Implementation](#)
- 9/30 [Addressing the Needs of Special Populations in Remote CTE instruction](#)
- 10/14 [National Updates for CTE: Advance CTE and ACTE](#)
- 10/21 [Holding Virtual Advisory/Stakeholder Meetings](#)
- 10/28 [CTE Online: The Basics](#)

## ADDITIONAL OPPORTUNITIES

- 10/14 - 10/15 [SDCOE Go Virtual! Career Pathways Conference](#)
- 10/20-10/22 [Adobe MAX Free Conference with Educator Strand](#)
- 11/20-12/4 [ACTE's CareerTech Virtual VISION](#)
- 12/11-13 [California STEAM Symposium](#)

## EXTENDED PD OPPORTUNITIES

- The PBL Leadership Academy is a free, year-long professional learning program for teams of California educators. [Complete priority registration by September 30](#)
- CTE Teach is a funding opportunity and professional development program for new CTE teachers and mentors, created in partnership with the CDE. [Applications are due by 5 pm on September 30.](#)
- Check out the CTE Teach HOW TO series with 5-10 minute long videos to support your use of Google Sites, YouTube, Zoom and Google Slides. Check out their [YouTube Channel](#) for these videos and more!
- The Adult Education team at [OTAN](#) has [on-demand webinars](#) that would serve any CTE educator. Highlights include the Bitmoji Classroom Series, Using Tech Tools to Present to and Assess All Learners.

## STUDENT OPPORTUNITIES

### [SPACE MISSION CHALLENGE](#)

High school students from across the country are invited to design and build CubeSat (cube satellite) prototypes, or satellites that aid in space research, bringing space missions out of the clouds and into the classroom. [Proposals are due October 16 - sign up now!](#)

### [CREATIVITY MATTERS PRESENTS: THE GRID STUDENT LEADERSHIP EVENT: 10/7-10/9](#)

7-12 grade students will participate in virtual workshops ranging from game design and illustration, to animation, music and video/film production taught by industry professionals and innovators in the field. [Register Here](#)

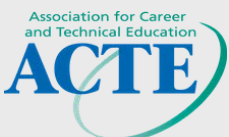
### [ACTE AND ACCENTURE SKILLS TO SUCCEED INCENTIVE PROGRAM FOR SCHOOLS](#)

Skills to Succeed Academy is a robust career planning and job exploration program. There is a \$1,000 incentive for the first 20 institutions that have 500 or more students complete one module in the S2S Academy. Contact [mconnet@acteonline.org](mailto:mconnet@acteonline.org) to participate in the incentive program

## PARTNER WEBSITES

- [Advance CTE](#)
- [Association of Career and Technical Education \(ACTE\)](#)
- [CTE Online](#)
- [California Career Zone/Career Explorer by State](#)
- [California Career Resource Network \(CalCRN\)](#)
- [California Dept. of Education CTE Resources for Distance Learning](#)
- [COVID-19 CTE Resources - San Diego County Office of Education](#)
- [OTAN Outreach and Technical Assistance Network](#)

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# HIGH QUALITY INSTRUCTION IN CTE

## ASSESSMENT STRATEGIES FOR DISTANCE LEARNING IN CTE

Authentic assessment is a cornerstone of Career Technical Education, and many of these strategies can still be implemented in a virtual environment. We encourage you to consider some of the following authentic assessment ideas, and [watch the webinar from SDCOE for more about Assessment in Distance Learning](#).

## Authentic Assessment Ideas

FOR DISTANCE LEARNING IN CTE



### PROJECTS

Apply knowledge and skills to address real world challenges through Project Based Learning. Give students an authentic audience with a virtual project exhibition or panel presentation.

### PORTFOLIOS

Process portfolios showcase both competency and growth. Design assignments that develop competency and skill or let students have creative license to address learning objectives in their portfolio pieces.

### DESIGN

Give students opportunities to design visual representations of their learning through marketing campaigns, infographics, blueprints, diagrams, 3d designs, animation or other visual means.

### SCENARIOS & SIMULATIONS

Design real world situations so that students can apply their learning. Perhaps you write up a client request and students must respond, or give them a patient chart to see if they can create a care plan.

### PRESENTATION & PERFORMANCE

Students can present to show their learning, or do a performance to display their skills. This can happen either through a synchronous presentation or a screencast or video they can prepare in advance.

### WRITING & REFLECTIONS

Consider what writing tasks your industry requires. Have students blog, write professional reports, articles, emails, or memos. Give students an opportunity to journal about their work, progress and growth.

### CASE STUDY

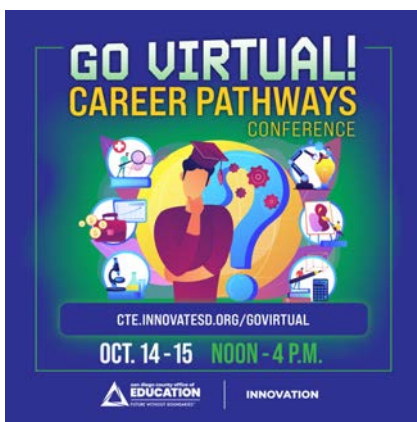
Provide a case study of a real world situation and have students do an analysis. What went right? Where were certain strategies incorporated? What would they do differently if they had that case.

### VIDEO/AUDIO

Have students create podcasts, instructional videos or commercials. Consider giving students a video of someone in industry and do a "sportscasting" style voice over describing techniques and observations!

### CERTIFICATIONS

Earning industry recognized certifications is a way to assess students while setting them up for future success. Many certifications can be done virtually, or there may be practice tests you can use to prepare students.

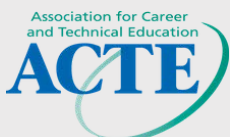


## GO VIRTUAL! CAREER PATHWAYS CONFERENCE, 10/14-15

With over 50 sessions to choose from, the Go Virtual! Career Pathways Conference is a great way to build your capacity for distance and blended learning in CTE. With breakouts on everything from podcasting with your students to industry developed curriculum, you are sure to find something that meets your needs.

The conference is now free for all attendees, but space is limited. For more information and to register go to [cte.innovatesd.org/govirtual](https://cte.innovatesd.org/govirtual)

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