

# CTE DISTANCE LEARNING

## Weekly Publication Supporting Career Technical Education

MAY 7, 2020

### WEEKLY UPDATE

On April 30, the California Department of Education hosted a 30 minute webinar with ACTE, SDCOE, and CTE Online to outline the work of our Covid-19 Task Force and provide strategies for lesson planning and instruction for the remainder of the school year. The webinar can be found here: [Career Technical Education Resources for Distance Learning](#)

For suggestions for future webinars, please complete our [feedback form](#).

### CAREER READINESS RESOURCE OF THE WEEK

[Exploring Career Options](#) Students will complete an offline activity by using the Exploring Career Options workbook to identify occupations, link them with postsecondary opportunities, and create an initial Career Action Plan.

### RESOURCE OF THE WEEK

[Edge Factor](#) is listening to the needs of CTE teachers across the country and providing FREE access to inspirational videos, activities, and lesson plans for every school in your state. Check out this new portal for [California CTE](#).

### WORK-BASED LEARNING SPOTLIGHT

"[California Dirt: Coffee with a Farmer](#)" highlights what is happening in today's food and farming world with farmers, ranchers and other professionals in the agricultural industry.

### RECOMMENDED RESOURCES

[CTEOnline.org](#)  
[Otan Outreach and Technical Assistance Network](#)  
[Career Explorer/Career Zone by State](#)  
[California Career Resource Network \(CalCRN\)](#)  
[California Dept. of Education Covid 19 Distance Learning](#)  
[Association of Career and Technical Education \(ACTE\)](#)  
[Instructional Resources - San Diego County Office of Education](#)

### OPPORTUNITIES NEXT WEEK

#### MONDAY MAY 11

[TITANS of CNC Live](#) 9am

#### TUESDAY MAY 12

[Career Ready at a Distance](#)  
SDCOE, 11am

[Preparing Adults For the Workplace](#) OTAN, 1pm PT

[Career Development and Artist Development Workshops](#),  
HOB Music Forward, 2PM PT

#### WEDNESDAY MAY 13

[Guiding Student Progress from a Distance!](#) OTAN, 1pm PT

[How to teach 3D Printing Remotely](#), Next Wave STEM, 2pm Central

#### THURSDAY MAY 14

[Industry Sessions: Entrepreneurship in Music](#)  
HOB Music Forward 2PM PT

[Remote Employer Engagement with Nepris](#) ICT Educator  
Webinar Series, California  
Community Colleges, 10AM PT

#### ARCHIVED/ON DEMAND

[Distance Teaching and SEL](#)  
CTE Teach

[Copyright and Creativity PD](#)

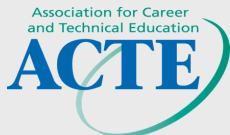
#### REGISTER NOW

[VR/AR Global Summit ONLINE Conference + Expo](#) June 1-3,  
VRARA

[Click here to submit a highlight, opportunity or lesson plan, or to contact us.](#)

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# CTE DISTANCE LEARNING

## Lesson plan of the week by industry sector\* May 11-May 15

These lessons are appropriate or easily adaptable for distance learning

### AGRICULTURE AND NATURAL RESOURCES

#### [Completing SAE Plan in AET](#)

Create a SAE plan in AET demonstrating project description, finances, time invested and learning objectives.

### ARTS MEDIA AND ENTERTAINMENT

#### [Fund My Vision: Writing and Pitching a Performance Proposal](#)

Create a digital mood board and video pitch using Adobe Spark, and write a grant for the realization of an original work in this easily adaptable CTE Online lesson.

### BUILDING AND CONSTRUCTION TRADES

#### [Tiny House Design Project](#)

Use the design process to create a prototype for a tiny house in this easily adaptable, integrated PBL by Oak Ridge Institute for Science and Education.

### BUSINESS AND FINANCE

#### [VEInternational's Work From Home Bingo](#)

Select from a menu of projects that will result in a BINGO (5 tasks in a row horizontally, vertically, or diagonally) in the Virtual Enterprise International choice board activity.

### EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES

#### [Creating My Teacher Website PBL](#)

Develop a personal teaching philosophy, write a letter to families, prepare a back to school night presentation and create a teacher website in this easily adaptable CTE Online lesson.

### ENERGY, ENVIRONMENT AND UTILITIES

#### [Natural Gas: A Cleaner Energy Solution or Just Another Fossil Fuel?](#)

Compare greenhouse gas emissions to those of other fossil fuels. Debate the question: Should the US expand its use of natural gas as an energy resource, using it as a "bridge fuel" to more sustainable energy practices in the future?

### ENGINEERING AND ARCHITECTURE

#### [Engineering in a Box by Dyson](#)

Dive into the world of engineering and understand how different fields collaborate to make a technology company, like Dyson, work.

### FASHION AND INTERIOR DESIGN

#### [FIDM's Demographic Age Study](#)

Select and research a current new fashion merchandising product and create a marketing survey and poll consumers in the target age group.

### HEALTH SCIENCE AND MEDICAL TECHNOLOGY

#### [Peek a Boo:ICU, Protecting Patient's Privacy](#)

Explore the extended correlation between patient's privacy and its impact on the legal, health and economic aspects in this easily adaptable CTE Online PBL Module.

### HOSPITALITY, TOURISM AND RECREATION

#### [Food Innovations PBL](#)

Examine changing global demographics, current food innovations, and brainstorm ideas for an innovative food idea.

### INFORMATION AND COMMUNICATION TECHNOLOGIES

#### [Build an app with MIT's App Inventor](#)

Build an app with global impact by participating in the MIT App Inventor Coronavirus App Challenge.

### MANUFACTURING AND PRODUCT DEVELOPMENT

#### [Mechanics and Welding Choice Board](#)

Engage with a choice board and select from options from creating projects at home to completing a CNC design.

### MARKETING SALES AND SERVICES

#### [The Footwear Design Project](#)

The Footwear Project is a fast-paced project leading students through the design thinking process with Young Entrepreneurs Academy.

### PUBLIC SERVICES

#### [Police Conflict: Is It Really a New Issue](#)

Take a closer look at the historical issues that have contributed to police and community conflict in this easily adaptable CTE Online lesson.

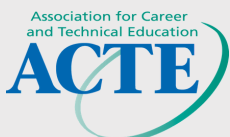
### TRANSPORTATION

#### [Vehicle Maintenance: The Patterns of Tire Wear](#)

Identify different tire wears and how to check them. Through PPT and visuals, students will see what can happen with poor maintenance to your tires in this easily adaptable CTE Online lesson.

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

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