

CTE DISTANCE LEARNING

Weekly Publication Supporting Career Technical Education

MAY 14, 2020

WEEKLY UPDATE

Spring is in full swing and the school year is coming to a close for many of us. We know that student engagement is a huge challenge right now and wanted to share a best practice that was submitted in our [feedback form](#). Some CTE teachers are finding success with choice boards. By creating a weekly menu of options, you can give students ownership of their learning, leadership opportunities, and a chance to develop their skills!

CAREER READINESS ACTIVITY

In [Matching Interests & Careers](#) students will complete an online activity by researching occupations based on interests they identify using the California CareerZone's Interest Profiler Assessment.

RESOURCE OF THE WEEK

ACTE has produced the [Virtual Conference Planning Guide](#) and [webinar](#) which covers best practices ACTE gathered from the production of its first event, the Virtual Work-based Learning Conference that occurred on April 22.

WORK-BASED LEARNING SPOTLIGHT

Girls Make Beats is hosting a series of master classes with Grammy award winning producers, audio engineers, and entertainment industry CEOs. Register for free at <https://www.girlsmakebeats.org/masterclass>

RECOMMENDED RESOURCES

[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](#)
[Instructional Resources - San Diego County Office of Education](#)
[Otan Outreach and Technical Assistance Network](#)

OPPORTUNITIES NEXT WEEK

MONDAY MAY 18

[TITANS of CNC Live](#) 10am, PT

TUESDAY MAY 19

[How To Teach STEM Remotely](#)
NextWaveSTEM 2pm, CT

[Quizlet in the Online Classroom](#) OTAN,
4pm PT

WEDNESDAY MAY 20

[How to Facilitate PBL Online with Students](#), PBLworks 12pm, PT

[DeWalt and NCCER Webinar](#) on Battery
Technology 8am PT

[Advance CTE: Navigating CTE Through Covid](#) 11am PT

THURSDAY MAY 21

[ACTE Region IV Conference](#)

[How to teach 3D Printing Remotely](#)
NextWaveSTEM 2pm, CT

[How to Build a World-Class Virtual Internship](#)
Rubin Education 12:30 PM, ET

[How to Teach Manufacturing Skilled Trades Online](#) Weekly Webinar 3:30pm, PT

[May The Infographic Be With You!](#)
edWeb 12pm, ET

MORE OPPORTUNITIES

Daily [Career Development Workshops](#)
with professionals:
HOB Music Forward 2pm, PT

[Global Competence through CTE Asia Society](#)

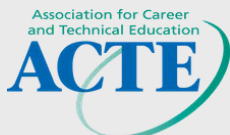
[CareerPrepped](#)
ACTE Online Learning Network

[Next Gen Personal Finance PD Series](#)

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 18-May 22

These lessons are appropriate or easily adaptable for distance learning

AGRICULTURE AND NATURAL RESOURCES

[Drones in Agriculture](#)

Explore how farmers are using drones in agriculture and learn how this advanced technology benefits food production, sustainability and increases revenue.

ARTS MEDIA AND ENTERTAINMENT

[Imagineering in a Box](#)

Artists, designers and engineers work together to create theme parks. Go behind the scenes with Disney Imagineers and complete project-based exercises to design a theme park of your very own.

BUILDING AND CONSTRUCTION TRADES

[Technical Writing Fundamentals in Construction](#)

Analyze and detect issues when writing clear instructions. Students are given a task to create a set of instructions on how to build a glider in this easily adaptable CTE Online lesson.

BUSINESS AND FINANCE

[Apprenticeships and Internships](#)

Research 3 different apprenticeships or internships to apply for based on their preferences and skills.

EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES

[Say Yes to FCS](#)

Develop a stronger understanding of what it is to be a Family and Consumer Sciences (FCS) professional through interviews, discussion and learning the lingo of FCS.

ENERGY, ENVIRONMENT AND UTILITIES

[Energy Sources & Energy Uses](#)

Describe your personal and family energy use as it relates to renewable and non renewable energy use and pollution.

ENGINEERING AND ARCHITECTURE

[Roller Coaster Engineering](#)

Explore the engineering concepts used to design roller coasters, including potential and kinetic energy, friction and gravity in this easily adaptable CTE Online lesson.

FASHION AND INTERIOR DESIGN

[Fashion Words That Stick](#)

Stretch your powers of observation and description. Responding to magazine photographs, paint charts, and textiles, students brainstorm new words and phrases to describe style, color, and texture.

HEALTH SCIENCE AND MEDICAL TECHNOLOGY

[Eat Healthy, Live Healthy: A Healthy Eating Plan](#)

Explore and integrate healthy food choices into a daily diet plan. Learn how to make smart healthy food choices while creating a balanced diet in this easily adaptable CTE Online PBL module.

HOSPITALITY, TOURISM AND RECREATION

[Dining Experiences in Hospitality](#)

Analyze and identify key elements of a dining experience in the hospitality field to support exploration of a variety of careers.

INFORMATION AND COMMUNICATION TECHNOLOGIES

[Information Security & The CIA Triad](#)

Explain confidentiality, integrity, and availability (CIA Triad) as the foundation of information security. Explore security breaches and describe controls to protect computing resources.

MANUFACTURING AND PRODUCT DEVELOPMENT

[Manufacturing for California Students](#)

Explore manufacturing careers and how skills you use in school apply to this sector.

MARKETING SALES AND SERVICES

[Target Market Person](#)

Study market segmentation by researching restaurants and pitching the characteristics of the restaurant's target market person.

PUBLIC SERVICES

[Obtaining a Search Warrant](#)

Gain an understanding of the exclusionary rule and learn what facts must be determined before a search warrant can be obtained in this adapted CTE Online lesson.

TRANSPORTATION

[PATH to Aviation](#)

Explore the PATH to aviation with 11 modules of activities and lesson plans!

[*This publication is organized around California's 15 CTE Industry Sectors](#)

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