May 28, 2020

Career Readiness Activity

Roadtrip Nation is providing Educational Resources for Teachers and Parents, including an interview archive, documentaries, and PBS LearningMedia.

Resource of the Week

CTE Online has created the Distance Learning Activity "Conversion" Toolkit. This resource can be accessed on Google Drive and provides some ideas and lesson planning suggestions for teachers who want to utilize a classroom-based CTE Online lesson for distance learning implementation. The toolkit is also helpful for general online and blended lesson planning and aligns with the Distance Learning Adaptation Template.

Work-Based Learning Spotlight

Give students insight into industry with virtual guest speakers and panels from industry professionals in health science and medical technology, building and construction trades and public services produced by the San Diego COE’s WBL team!

CTE Course Adaptation Collaboration Meetings: July 27 - August 6

Work collaboratively with others who teach in the same pathway to curate blended and distance learning resources and lesson plans to adapt your fall course. Register now!

ACTE Survey - Seeking Your Input!

Please complete this short survey about your needs, concerns and ideas for how CTE can adapt to a future of continued distance, blended or social distancing-adapted learning.

Recommended 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
Instructional Resources - San Diego County Office of Education
OTAN Outreach and Technical Assistance Network

Opportunities Next Week

Tuesday June 2

How to Teach Drones Remotely
Next Wave STEM 2pm Central
Careers in Clean Energy SEI
Energize Schools, 7am PT
Ensuring Equity in a Remote Learning World. ACTE, 2pm ET

Wednesday June 3

STEM Challenges in AR that Motivate Students
3D Bear, 2pm ET

Thursday June 4

The Creative Process of STEAM Using CAD
Next Wave STEM, 2pm CT
Engaging Students Online - Keeping Students Motivated
Teaching Entrepreneurship.Org Virtual Conference, 12pm ET
ASCAP Experience:Home Edition 12pm PT

On Demand

7 Tech Tools for Supporting Online PBL
PBL Works
NCLA Webinar Series

Register Now

ePortfolio: A Powerful Tool for AE Students and Teachers!
June 12, OTAN
Energize Schools Free Virtual Teacher Trainings July 9-30
CTE Inspired - A Virtual Conference Aug 4-5, iCEV

Ensure Equity in a Remote Learning World. ACTE, 2pm ET

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

Presented as a collaboration between local, state and national organizations:

ACTE
California Department of Education
San Diego County Office of Education
CTE Online

These organizations do not endorse any vendor, product or service listed in this publication.
CTE DISTANCE LEARNING
Lesson plan of the week by industry sector* June 1-June 5
These lessons are appropriate or easily adaptable for distance learning

AGRICULTURE AND NATURAL RESOURCES
Sustainability in Agriculture
Learn about the importance of sustainability throughout the Agriculture, Food and Natural Resources Value Chain.

ARTS MEDIA AND ENTERTAINMENT
What is Sampling
Explore what “sampling” is as both a musical and technological practice and consider what sampling offers musicians and producers as a creative technique.

BUILDING AND CONSTRUCTION TRADES
How to Make a Wood Slab Desk
Engage with a series of tutorials and video lessons on the use of hand tools for wood working for the purpose of constructing furniture.

BUSINESS AND FINANCE
Personal Business Plan
Think of yourself as a company, and apply entrepreneurship methodologies to figure out how they offer value to their world. (Access through Google Drive)

EDUCATION, CHILD DEVELOPMENT, AND FAMILY SERVICES
The Neuroscience of Imagination
Learn how the human brain produces images and how those images are processed and translated in this TEDEd developmental psychology interactive lesson.

ENERGY, ENVIRONMENT AND UTILITIES
Home and Classroom Energy Use
Learn about energy consumption with heating and cooling loads, and the various passive and active systems that allow a building to operate and function in this adapted CTE Online Lesson.

ENGINEERING AND ARCHITECTURE
Challenge: Robots!
Learn about the career field of robotics in the browser-based National Geographic game that challenges students to take on the role of an engineer at RoboWorks, a robotics factory.

FASHION AND INTERIOR DESIGN
Build Your Own Apparel Brand PBL
Understand and explain the process of designing a clothing collection from concept to product in this easily adaptable CTE Online project.

HEALTH SCIENCE AND MEDICAL TECHNOLOGY
Dosage Calculation
Learn how to use the D/H x Q formula to calculate medication dosages in this easily adaptable CTE Online lesson.

HOSPITALITY, TOURISM AND RECREATION
Sports and Entertainment Management PBL
Create promotional plans for a sports and entertainment business, learn about careers in the industry in this easily adaptable CTE Online project.

INFORMATION AND COMMUNICATION TECHNOLOGIES
Steganography
Investigate how Steganography can hide information inside of a file, message, photograph, or video, decode a secret message in a photograph, and explore how secret codes are used in government surveillance.

MANUFACTURING AND PRODUCT DEVELOPMENT
Welding Fundamentals
Learn about the career field of robotics in the browser-based National Geographic game that challenges students to take on the role of an engineer at RoboWorks, a robotics factory.

MARKETING SALES AND SERVICES
Restaurant Theme Project
Have students design and create a marketing plan to promote a themed restaurant that caters to a target audience (Page 7).

PUBLIC SERVICES
Code of Ethics
Analyze ethical scenarios and identify shared leadership models and decision-making strategies in Module 4 of this Careers in Criminal Justice curriculum (Access through Google Drive).

TRANSPORTATION
Service Information Challenge
Complete the diagnostic exercise and related activities using the demo vehicle that is available at Identifix.

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

Presented as a collaboration between local, state and national organizations:

These organizations do not endorse any vendor, product or service listed in this publication.