

# Learning at Home High School Career & Technical Education Curriculum



Week 2 - March 30 - April 3, 2020

## **NEW** - Learning at Home Curriculum for CTE Science Courses

Advanced Animal Science	<a href="#">Curriculum</a>	<a href="#">Wk 2 Packet</a>
Advanced Plant & Soil Science	<a href="#">Curriculum</a>	<a href="#">Wk 2 Packet</a>
Anatomy & Physiology	<a href="#">Curriculum</a>	<a href="#">Wk 2 Packet</a>
Engineering Design & Problem Solving	(Coming soon)	
Forensic Science	(Coming soon)	
Pathophysiology	<a href="#">Curriculum</a>	<a href="#">Wk 2 Packet</a>

## **NEW** - Focus on Industry-based Certification Prep

Floral Design Certification	<a href="#">Study Materials for Floral Certification</a> - date of certification test TBD
Quality Counts (Ag)	<a href="#">Quality Counts Verification</a> (if you have not already completed it this year)
Autodesk - AutoCAD, Inventor, Revit, Maya	Practice software in preparation of industrial certification tests. Students with internet and computer can request <a href="#">free AUTODESK software at this site</a>
Automotive Service Excellence (ASE)	Free <a href="#">online ASE practice tests</a> to prepare students for industrial certification
Cosmetology Operator License	Distance learning for up to 500 clock hours 'Canvas' link from your COS instructor
Microsoft Office	<a href="#">Lessons/Practice for Microsoft Office</a>
Pharmacy Tech	<a href="#">Pharmacy Coursework</a> for students enrolled for the 2019-20 school year. If you are currently enrolled and cannot log into Pharmaseer, please contact your teacher.

## Curriculum Activities Focused on Various Career Fields

Target Audience	Description
General	<a href="#">Tips for your very first job interview</a>
General	<a href="#">Lifestyle &amp; Occupation Calculator</a> - Determine minimum salary needs and explore opportunities that earn the salary they'll need.
General	<a href="#">Career Exploration &amp; Trends</a>
General	<p><a href="#">Job Hunter's Guide Course/Book</a> - 6 steps to secure a job:</p> <ol style="list-style-type: none"> <li>1. Assess Yourself</li> <li>2. Prepare Yourself</li> <li>3. Search for a Job</li> <li>4. Contact Employers</li> <li>5. Interview</li> <li>6. And Maintain Work</li> </ol> <p>Each will be described in detail throughout this course.</p>
General	<a href="#">Younger exploration</a>
General	<a href="#">College, Careers &amp; More</a>
General	<a href="#">K-12 Digital games</a> to promote critical thinking and problem solving
General	<p><a href="https://agrillife.org/qualitycounts/ps">Virtual field trihttps://agrillife.org/qualitycounts/ps</a> - <a href="#">Discovery Education</a></p> <p><a href="#">Virtual field trips - National Parks</a></p>
<b>AgScience</b>	
Floral Design	<a href="#">Study Materials for Floral Certification</a> - date of certification test TBD
Principles of Ag	<a href="#">Quality Counts Verification</a> (if you have not already completed it this year)
All AgScience	Search for articles on ag-related issues, including how the current pandemic may or may not impact careers in agriculture. Write a brief summary to share with your teacher and classmates.
All AgScience	Choose a video from the <a href="#">Texas Farm Bureau</a> and write a brief summary to share with your teacher and classmates.
All AgScience	<a href="#">CDE study resources</a> - tentative plans to create online contests to replace canceled contests and/or prep for contests in 2020-2021

All AgScience	For those who sold something at the 2020 CFISD Livestock Show: If you have not fulfilled your requirements to receive your check, work with your ag teacher to do so. While face-to-face classes are cancelled, sale checks will be mailed. <a href="#">Checklist: Page 32 of the 2019-20 LSA Exhibitor Handbook</a>
<b>Architecture &amp; Construction, Automotive Tech, Engineering, Manufacturing</b>	
Industrial Tech (All) & Automotives	What are you up for? <a href="#">Videos and resources for careers in Manufacturing, Construction &amp; Transportation Fields</a>  <a href="#">Panama Canal expansion</a> - Industry and Fabrication in practice
Architecture Design, Engineering Design and Advanced	Practice software in preparation of industrial certification tests. Students with internet and computer can request <a href="#">free AUTODESK software at this site</a>
Automotives	Free <a href="#">online ASE practice tests</a> to prepare students for industrial certification
Middle & High School Engineering & Robotics	Explore <a href="#">NASA STEM Resources</a> . <ul style="list-style-type: none"> <li>● Explore with Engineering.</li> <li>● Explore careers at NASA</li> </ul>
<b>Child Guidance, Cosmetology, Education/Training, Fashion, Hospitality, Human Services</b>	
Culinary & Intro to Culinary	<a href="#">Culinary skills/technique videos, recipe videos and chef interviews.</a>  <a href="#">Knife Skills, cooking demonstration, recipes (Cuisinart Episode #1)</a>
Education and Training- (Child Guidance and Instructional Practices)	Upload a video(to your teacher's google classroom) where you are reading a children's book and show a quick activity that you can do after you read. If you post to your social media, you can use #CFISDCTELearningatHome <a href="#">Check out what famous children's author, Mo Willems, is doing daily while children are out of school.</a>
Cosmetology	Complimentary <a href="#">access to MindTap</a> , digital learning platform
Cosmetology	Distance learning for up to 500 clock hours 'Canvas' link from your COS instructor
Interior Design	Students may <a href="#">complete this form</a> to receive directions to access Chief Architect software at home. You will need to provide a working email address that you check and look for email communication from them.
Hospitality & Tourism	<a href="#">Create a virtual tour of anywhere in the world</a>
Fashion Design	<a href="#">Factors that impact consumer purchasing.</a>

Fashion Design	<a href="#">Design a Fashion Collection</a> <a href="#">Sewing Surgical Face Masks</a>
HS FCS (IPS, CD and LNW)	<p>Visit the website of 2 colleges that you are interested in. Compare the size, cost, entrance requirements, and application deadlines. Not sure where to start? Google the name of the college, click the link for your college choice and look for Undergraduate/New student information. Spend time navigating the website. Let your teacher know which colleges you checked out.</p> <p><a href="#">DIY projects</a></p>
<b>Computer Science / Technology</b>	
Computer Science	<a href="#">Computing lessons</a>
Computer Science II	<p>AP exam info and sample questions</p> <ul style="list-style-type: none"> <li>- <a href="#">College Board</a></li> <li>- <a href="#">Quizlet</a></li> </ul>
Computer Science Principles AP	<p>AP course and exam info and sample questions</p> <ul style="list-style-type: none"> <li>- <a href="#">College Board</a></li> <li>- <a href="#">Khan Academy</a></li> <li>- <a href="#">Quizlet</a></li> </ul>
Technology /Computer Science	<a href="#">TED Talk - A 30 year History of the Future</a>
HST / Technology / Computer Science	<a href="#">Healthcare IT Careers</a>
<b>Business, Marketing, &amp; Finance</b>	
Finance	<a href="#">Finance lessons</a>
Business Classes	<a href="#">TED Talk - A 30 year History of the Future</a>
Finance / Accounting	<a href="#">Accounting Tutorials</a>
BIM	<a href="#">Lessons/Practice for Microsoft Office</a>
TSDE/BIM	<a href="#">Typing Games Zone</a>
TSDE/BIM	<a href="#">Typing Games</a>
Digital Media and Marketing	<a href="#">Is Digital/Social Media a Good Major</a>
Digital Media and Marketing	<a href="#">Digital Marketing Jobs</a>
Digital Media and Marketing	<a href="#">Careers in Social and Digital Media</a>
Marketing	<a href="#">How to get a job in Social Media Marketing</a>

Marketing	<a href="#">Steve Jobs Amazing Marketing Strategies</a>
Marketing	<a href="#">Top 2020 Marketing Strategies that will put you on the map</a>
Marketing	<a href="#">Real Estate Coursework</a> for students enrolled for the 2019-20 school year. If you are currently enrolled and cannot log in, please contact <a href="#">Pioneer School of Real Estate</a>
Business/ Finance	<a href="#">Behavioral Economics: How Current Decisions Affect Your Future and the Future of Your Finance</a>
Multimedia	<a href="#">Practice Creating Simple Projects Using Adobe</a>
Business/Finance	<a href="#">TV Show that teaches kids about finance and money (video clips)</a>
<b>Audio Video Production</b>	
Digital Audio Technology	<ol style="list-style-type: none"> <li>1. <a href="#">Open the Google Drive.</a></li> <li>2. Read the instructions for the SFX Story</li> <li>3. Listen to the 2 examples to better help you</li> <li>4. Create your story!</li> <li>5. Feel free to share this story with your teacher so that he/she may tweet it out!</li> <li>6. Be prepared to turn this in at a later date</li> </ol>
Digital Audio Technology II	<ol style="list-style-type: none"> <li>1. <a href="#">Open the Google Drive</a></li> <li>2. Read the instructions for the SFX Story</li> <li>3. Have fun with this and Create your story</li> <li>4. Feel free to share this story with your teacher so that he/she may tweet it out!</li> <li>5. Be prepared to turn this in at a later date</li> </ol>
Audio Video Production I	<ol style="list-style-type: none"> <li>1. <a href="#">Open the Google Drive.</a></li> <li>2. Here you will find multiple resources on how to develop your 7 step story structure</li> <li>3. Watch the videos about the 3 act structure and Locating your Plot Twists</li> <li>4. Go through the PowerPoint 7 Step Story Structure</li> <li>5. Open the Google Doc, 7 Step Story Structure <ul style="list-style-type: none"> <li>· Make a COPY of the Google Doc (File&gt;Make a Copy)</li> <li>· Save the Copy as AVP_LastName_7Step</li> </ul> </li> <li>6. Watch the video Caroline</li> <li>7. After you watch the movie, try and fill out the document (ie try and determine how you would have created the story structure</li> </ol>

	for this movie) 8. Keep this document and be prepared to turn it in at a later date
Audio Video Production II and Practicum	Instructions:  1. <a href="#">Open the Google Drive</a> 2. Go through the instructions from the first Google Doc, "How You Can Help" 3. Complete the video
<b>AFJROTC</b>	
AFJROTC	<a href="#">Lone Star Flight Museum on FaceBook-virtual visit B17 Bomber, NASA Rover</a>
AFJROTC	<a href="#">Why join JROTC?</a>
<b>Health Science</b>	
Health Science	<a href="#">A Career in Health Science</a>
Health Science	<a href="#">Health Science Informatics</a>
HST / Technology / Computer Science	<a href="#">Healthcare IT Careers</a>
Health Science	<a href="#">Health Wellness - Opioid Prevention Virtual Field Trip</a>
Health Science (Including Forensics, A&P & Patho) Patho	<a href="#">How Science Powers Us</a>  <a href="#">The Nervous System</a>
Health Science (Including Forensics, A&P & Patho)	<a href="#">Coronavirus 101 - How to protect yourself</a>
Health Science	<a href="#">IAFC COVID-19 webinar: Key takeaways for first responders</a>
Forensic Science	<a href="#">Forensics Expert Explains How to Analyze Bloodstain Patterns   WIRED</a>
Anatomy & Physiology	<a href="#">Anatomy and Physiology of the Respiratory System</a>
Pathophysiology and Health Science	<a href="#">Introduction to Pathophysiology</a> - This video introduces foundational key terms and concepts related to pathophysiology and health care.
Health Science / Pharmacy Tech	<a href="#">Pharmacy Coursework</a> for students enrolled for the 2019-20 school year. If you are currently enrolled and cannot log into Pharmaseer, please contact your teacher.