

2020 CTAT Summer Conference

B Breakout
 G General Session
 S Social
 T Training

JULY 20 • MONDAY

8:30am – 10:45am	G	Tech Check/Log On	TechCheck
10:00am – 10:45am	B	How Can Education Help the Construction Industry? (exhibitor content) <i>Speakers: Patty Bird</i> This session will discuss the skilled shortage in the construction industry and how education can partner with the industry to fill the skills gap. Learn about opportunities and best practices to partner with local construction companies. You will also learn about tools to help teach construction in a virtual environment.	1
10:00am – 10:45am	B	Perkins V – What's the New Law About? <i>Speakers: Ruthie Kneupper</i> What do we need to know as we transition from one federal law to the other? What changes will we see in our CTE programs? In this overview session we will help you understand the highlights of the new Perkins V Law; how the changes will impact us, and the benefits to our students	3
10:00am – 10:45am	B	Stop the Boredom! A Better Way to Teach Personal Finance (exhibitor content) <i>Speakers: Luke Voorhies</i> Mimic Personal Finance blends in-class activities with a virtual simulation, transforming courses into an engaging role-playing experience where students make real decisions for real consequences. Students manage resources, purchase in-class privileges, acquire assets/liabilities, make investments, deal with the unexpected, and buy a portion of their overall grade! Mimic Personal Finance changes education by shifting away from a content-only approach and focusing on the decision-making process. Sample curriculum is provided and technology will be demonstrated.	2
10:00am – 10:45am	B	Transitioning from an Onsite CTE Classroom to a Remote Learning CTE Environment <i>Speakers: Tracy Shea, Robin Gosdin</i> Learn how Cleburne ISD, a 5A school district, has transitioned from a face-to-face environment to a remote learning space. Come and discover how these educators are meeting the needs of their students and teachers. Leave with specific ways to help you successfully function within an online remote learning environment.	4
10:00am – 4:00pm	T	Apple Professional Learning: iPad in the CTE Classroom (pre-registration required) Only available LIVE Apple helps teachers ignite the creativity in every student with powerful products, tools, curricula, and inspiration. Join us to explore what's possible with Apple technology in learning. Join Apple Education for a day of hands-on learning. Experience how iPad and powerful education apps can expand what's possible for learning, create new opportunities for teaching, and establish dynamic environments that in-spire both. This session helps to embrace new strategies for workflow, organization, annotation and note taking, and documenting learning in CTE classrooms.	5
10:00am – 4:00pm	T	Training for New CTE Administrators (pre-registration required) <i>Speakers: Mark Bosher, Traci Hendrix</i> Training for New Administrators is appropriate for CTE directors, coordinators and other staff responsible for CTE program decisions at the district level. This training is most useful for those with five years of experience or less. Participants will receive legislative updates and information necessary to implement and sustain effective CTE programs. Access to a virtual resource with electronic documents and related web links will be shared.	6

10:00am – 4:00pm	T Training for New CTE Teachers (pre-registration required) 7 <i>Speakers: Rachel Behnke, Heather Blount</i> If you are a teacher with three or fewer years of experience, this session is for you! Join us for an interactive and fun day where you can learn and refine skills in the areas of finding resources, lesson planning, classroom management, instructional strategies and CTE specific responsibilities. You'll walk away with lots of new ideas and techniques to fill your teaching arsenal! Content provided is best suited for newbie teachers, especially those who entered teaching as a second profession.
10:30am – 1:30pm	T Training for Counselors: Graduation Requirements and CTE (pre-registration required) 8 <i>Speakers: Heather Huffaker</i> This workshop is designed for counselors new to CTE and/or those needing a refresher. Topics such as 4-year plans, special populations, PEIMS, accountability and understanding endorsement requirements are discussed. Understanding CTE courses and how they count for graduation requirements, the AAR, 7th and 8th grade requirements for PGPs, as well as legislative updates are also included.
11:00am – 11:45am	B Continuous Learning: Can CTE Really Be Delivered Online? (exhibitor content) 1 <i>Speakers: Kimberly Santos, Rob McNeely</i> Having a plan for disaster sounds dramatic, right? Yet being able to spring into action during a crisis helps bring back a sense of control. It allows the mission to move forward. In this session we will discuss when teachers are faced with sudden separation from their students, what are the "must-haves", including an established practice for delivering instruction online. eDynamic Learning is North America's largest developer of fully online CTE courses and has been writing curriculum for more than a decade. In this session we will share best practices for flipping the switch to remote instruction. We will provide examples of how online curriculum, paired with professional development, supports the classroom regardless of physical proximity. We will also introduce one of our newest course offerings, Workplace & Internship Readiness, and show how we support other initiatives in middle school and high school classroom instruction, including your efforts toward industry certifications.
11:00am – 11:45am	B CTE Integrated instruction Best Practices 2 <i>Speakers: Patrick Shaffer</i> The Roles of IDEA, Perkins V, ESSA, and WIOA in Workforce Development Six Basic Principles of IDEA CTE and ARD Accommodations and Modifications Instructional Strategies Transition Table top Exercise Culinary Arts Lesson Plan Note: This content will focus mainly on SpEd, but will include a shared google drive folder with other materials for EL learners, GT, etc., along with links to other resources.
11:00am – 11:45am	B I Don't Know What I Don't Know! 3 <i>Speakers: Twila Johnson</i> This session will concentrate on the "Top 10 Things New CTE Teachers Should Know!" You are such a valuable asset to any school district as a business or industry expert! Load up your toolkit and be prepared to begin the fall semester for this unpredictable continuation of the year 2020!!

11:00am – 11:45am	<p>B Launch Your Career in Engineering 4</p> <p><i>Speakers: Christine Holecek, Donna McKethan</i></p> <p>Do you remember how your heart stopped beating the first time you saw a shuttle launch? Students involved in the UHS Rocketry program experience much the same as they launch their student-designed/ built rocket. Endorsed by local industry this program encompasses all aspects of engineering. Learn how students use the experience of rocketry to demonstrate the use of AutoCAD, 3D Printers, blueprint drawing, construction techniques and teamwork. This innovative program uses the thrill of rocket launch to demonstrate to students the importance of accepted industry standards.</p>
11:45am – 12:30pm	<p>G BYOL: Kick Off and Awards Announcements Grand Zoomroom</p> <p><i>Speakers: Ashley Canuteson</i></p>
12:30pm – 1:15pm	<p>B CTE Program Promotion - Done Right! (exhibitor content) 1</p> <p><i>Speakers: Travis Petty</i></p> <p>You know, PT Barnum used to say . . . "Without promotion, something terrible happens . . . NOTHING!" So true, right?!</p> <p>Don't let lack of promotion (or lame promotion) happen to your District's CTE Programs of Study!</p> <p>In this presentation, I'm going to show you EXACTLY how the school districts I work with have chosen to promote their CTE Programs . . . with High-Quality Promotional Videos.</p> <p>You'll learn:</p> <ul style="list-style-type: none"> • WHY those districts chose to get High-Quality Promo Videos created for EACH CTE Program of Study. • HOW having these promotional videos is impacting their world • WHAT to do to make sure you get this done WELL in your district the FIRST time. (Done Right, Done Once).
12:30pm – 1:15pm	<p>B iCEV Upgrades for In Class and Distance Learning (exhibitor content) 2</p> <p><i>Speakers: Dusty Moore</i></p> <p>Learn about new features coming to iCEV this summer to facilitate in-class and online needs. Explore ways to connect iCEV with your learning management system. Systems covered will include Canvas, Schoology and Google Classroom. In addition, stimulus funding to assist in virtual learning will also be covered.</p>
12:30pm – 1:15pm	<p>B Knowing What I Know Now: What Would I Have Done Differently Pre COVID 19 3</p> <p><i>Speakers: Twila Johnson</i></p> <p>In this session, we will explore what we have learned in these few weeks since COVID 19 has caused us to move quickly to a virtual setting for all educational areas. We will review support documents, surveys and articles on several topics and allow time for discussion.</p> <p>Knowing what we know now, how can we prepare during the summer for:</p> <ul style="list-style-type: none"> • Student Academic, Social, and Emotional Support • Teacher Targeted and Meaningful Professional Development • Parent/Family Support and Communication • Community Support
12:30pm – 1:15pm	<p>B STEMifying Your CTE Content 4</p> <p><i>Speakers: Jessica Nombrana</i></p> <p>Take your particular CTE content and infuse it with STEM (Science, Technology, Engineering and Math) components. STEM is everywhere! STEM is in everything! STEM equity is important and wears many different faces in the development of CTE content. STEM can help you to add rigor and relevance to your existing CTE content and strategies. Join us to learn innovative ways to provide STEM strategies to all of your students and find a greater range of complexity for your content and your student performance within your CTE course.</p>

1:30pm – 2:15pm	<p>B CTE, Special Education, and ARDs: Working Together for Student Success 4</p> <p><i>Speakers: Peggy Mica</i></p> <p>Do your CTE teachers find themselves attending ARDs for special education students for subject areas outside of their areas of expertise? Do your Special Education teachers find themselves making student recommendations for CTE courses they might not be as familiar with? Come learn how Round Rock ISD CTE partners with Round Rock ISD Special Education to help staff from both programs become more knowledgeable and comfortable with each other's programs through campus tours and a CTE ARD Resource in order to make the best possible recommendations for students.</p>
1:30pm – 2:15pm	<p>B IBC and Accountability – A Roadmap for Success? 3</p> <p><i>Speakers: Ruthie Kneupper</i></p> <p>Understand the impact of the IBC's listed in the state accountability list and how this connects to career clusters, Programs of Study and choosing an endorsement. We will examine the accountability list, labor market information (LMI), and local demand to better understand the full picture of what you might choose to make available to your students to maximize their success.</p>
1:30pm – 2:15pm	<p>B Let's Talk Shop: Technology in the Automotive World (exhibitor content) 1</p> <p><i>Speakers: Luke Thompson</i></p> <p>TESLA Instructor, former high school automotive teacher, and G-W author Luke Thompson shares his knowledge and experience about how technology is changing the automotive industry—from the classroom to the workplace. In this one-on-one interview, Luke will also discuss the many challenges teachers face and how schools can empower teachers through the use of technology.</p>
1:30pm – 2:15pm	<p>B TX Pathways & Clusters I Defined Learning Brings Careers to K-12 Classrooms (exhibitor content) 2</p> <p><i>Speakers: Sean Morden</i></p> <p>Join Sean Morden - Defined Learning, Manager of Southwestern USA, for an exploration of how Defined Learning provides online content for connecting careers to classrooms. Defined Learning is an online platform that bridges the gap between on-site work-based learning, career guidance tools, and TEKS-aligned core curriculum; all, through the use of project-based learning (PBL).</p>
2:30pm – 2:45pm	<p>B iCEV Upgrades for In Class and Distance Learning (exhibitor content) 6</p> <p><i>Speakers: Dusty Moore</i></p> <p>Learn about new features coming to iCEV this summer to facilitate in-class and online needs. Explore ways to connect iCEV with your learning management system. Systems covered will include Canvas, Schoology and Google Classroom. In addition, stimulus funding to assist in virtual learning will also be covered.</p>
2:30pm – 3:15pm	<p>B Career Fair in a Pandemic 2</p> <p><i>Speakers: Raquel Garza, Martin Sanchez</i></p> <p>Victoria ISD's CTE hosts an annual career fair where students have the opportunity to visit/talk with representatives from various industries. When face-to-face classes were cancelled, we had to be creative how we could still offer students this opportunity. In collaboration with the Golden Crescent Workforce Solutions and the Victoria Business and Education Coalition, we developed a Virtual Career Series. Over 50 presenters participated in the event to talk on various industries.</p>
2:30pm – 3:15pm	<p>B How everyone can speak the same “CTE language” in your district 3</p> <p><i>Speakers: Mistie Goains, Mark McClure</i></p> <p>Cleburne ISD created a CTE 101 training for all middle and high school CTE teachers, administrators and counselors. With all of the the new initiatives and changes related to CTE, these modules, shared in Canvas, enabled CISD to share information quickly and efficiently. Come join in to learn how your district can develop a CTE 101 training that is tailor made for your program and see the power in “speaking the same language”.</p>

2:30pm – 3:15pm	<p>B The Value of MoneySKILL In Your Classroom (exhibitor content)</p> <p><i>Speakers: Olivia DiBiase</i></p> <p>The AFSA Education Foundation will be delivering a virtual demonstration of our online personal finance curriculum, MoneySKILL. MoneySKILL is a free resource for educators and is designed to teach youth and adults about money management fundamentals and provide them with the skills and knowledge necessary to make sound financial decisions. In this presentation, you will learn how MoneySKILL can be used to teach personal finance in your classroom and the benefits of using this course.</p>	1
2:30pm – 3:15pm	<p>B Using Technology Tools to Engage Students</p> <p><i>Speakers: Carol Wright</i></p> <p>This presentation will provide several examples of how to engage students in course content. During the session, real scenarios will be shown to help provide hands-on activities using Twitter, LinkedIn, Zoom, YouSeeU, and Flipgrid. In addition, suggestions for best practices will be provided.</p>	4
3:30pm – 4:15pm	<p>G Roundtable: CTE Covid Response</p>	Grand Zoomroom

JULY 21 • TUESDAY

9:00am – 9:45am	B Apple Professionals on Preparing Students for Today's Mobile Construction Workforce - Only available LIVE <div> <p>Mobile technology is transforming the way we learn and work. Join us for an in-depth discussion with leaders from the industry to understand how digital literacy and fluency with mobile technology are essential to career success.</p> <p>Here's what you'll experience:</p> <ul style="list-style-type: none"> • Learn how businesses are developing mobile strategies and workflows that help their employees be more connected and productive. • Discover the skill sets and experiences employers expect from today's graduates. • Explore how carefully designed technology initiatives can prepare students for success in their careers. </div>	1
9:00am – 9:45am	B Automating Your CTE and CCMR Data Collection and Calculations (exhibitor content) <i>Speakers: Sammy Larbi</i> <p>Do you have a system for tracking certifications? How are you tracking Performance Acknowledgements and CCMR? Do you have a way to measure your CTE Programs? Let us help you with all your CTE data needs so that you have your data at your fingertips at all times. A one-stop CTE shop!</p>	5
9:00am – 9:45am	B Employing Innovative Learning Methods to Education Generation Z (exhibitor content) <i>Speakers: Greg Gibbs</i> <p>Discover why experiential learning resonates with today's learner and how health occupations instructors can use hands-on strategies to grab students' attention. Find out how to engage students with active learning methods and soft skills training, leaving them career-ready for success in a growing field. Best practices for selecting and implementing these tools will also be shared.</p>	6
9:00am – 9:45am	B How to Support Instruction for Computer Science and Tech Apps in CTE <i>Speakers: Carol Fletcher, Laura Torres</i> <p>Policy changes around Computer Science and Technology Applications pathways. This session includes recommended professional development for teachers depending on the Program of Study, information about certifications, teacher incentives, suggested curriculum, and a sample list of materials needed to teach each course.</p>	2
9:00am – 9:45am	B PBL (Project Based Learning) – A Roadmap for Success <i>Speakers: Jessica Nombrana</i> <p>Using a project based learning (PBL) approach to learning you will find that teaching your content flows naturally, more richly, and allows for the real world, authentic experiences that are natural part of career and technical education, a global workforce, and the real world in which we all live. PBL allows the teacher to take ideas, pose problems, and/or scenarios and challenge students to dig deep; develop real world, authentic employability skills, and think creatively, while maintaining the fidelity of your CTE and other content. Are you using PBL effectively in your CTE classroom?</p>	3
9:00am – 9:45am	B True Colors <i>Speakers: Ruthie Kneupper</i> <p>True Colors has been used in business and education in the United State for over 30 years. It is based on Jungian personality theory and derived from the internationally renowned and researched Myers Briggs Type Indicator. True Colors provides a self-discovery process which reveals the key characteristics of individual personalities. This fun, energetic and interactive session is designed to introduce the basic concepts of True Colors to individuals to enhance self-esteem, self-confidence, and individual interactions with others.</p>	4

10:00am – 10:45am	<p>B A Modern and Affordable Approach to Teaching Engineering Design through Project Based Learning (exhibitor content) 5</p> <p><i>Speakers: Tom White, Dick Blais</i></p> <p>Are you interested in implementing an engineering design curriculum within your school, but have struggled to find the right solution? Do you already have an engineering design curriculum, but are looking for new ways to improve your content and student engagement? This presentation focuses on new STEM curriculum for engineering design and manufacturing automation, which is based on a Project Based Learning methodology and Next Generation Science Standards (NGSS). Developed by Tom White and Dick Blais, founders of Project Lead the Way (PLTW), in cooperation with Siemens Digital Industries, a global innovation and technology leader in industrial automation, this curriculum, requisite 3D CAD software, and associated industry certifications are free to schools, teachers and students.</p> <p>During this presentation you will:</p> <ul style="list-style-type: none"> • Learn about the features of the Siemens curriculum and how to get started • Learn about the importance of student research when solving design problems, recognizing that there is typically more than one appropriate solution. • Hear about a structure for delivering Project/Problem Based Learning in a virtual modality that will be modeled during the Siemens Virtual Teacher Training Symposium
10:00am – 10:45am	<p>B Apple Professionals on Communications - Only available LIVE 1</p> <p>Apple will focus on storytelling with iPad to complete a mobile workflow and finalize with Mac. You'll experience how to organize, shoot, edit, and use mobile devices, lighting, audio kits, and other products to complete a storytelling process.</p>
10:00am – 10:45am	<p>B GCISD Go Centers - Preparing for Life and What We Have Learned 2</p> <p><i>Speakers: Candace McGowan</i></p> <p>GCISD Go Centers started in 2013, as a district funded college and career readiness initiative that caters to our student population. The Go Centers assist students in researching colleges and careers and assists them in doing the action steps required for their next phase in life. Join us as we discuss how they came about, how it has evolved, and the lessons we have learned along the way.</p>
10:00am – 10:45am	<p>B How to Maximize College & Career Readiness and Student Outcomes (exhibitor content) 6</p> <p><i>Speakers: Jerome Martin</i></p> <p>When it comes to planning for the upcoming school year, Texas educators' have a number of priorities on their plates including remote learning, social emotional learning (SEL), FAFSA, and Perkins V. Join Xello in a session where we'll discuss how we're currently supporting districts in all of these areas. You'll hear from leading educators who will share effective strategies they're deploying to close achievement gaps, improve student outcomes, and make every student future-ready.</p>
10:00am – 10:45am	<p>B Leveraging Partnerships for Student Success 3</p> <p><i>Speakers: Amanda Brantley, Becki Womble, Emily Bain, Jean Riemenschneider, Jennifer Johnson</i></p> <p>Join us to learn how to cultivate and leverage partnerships with local workforce and economic development partners. Presenters will include ISD, Workforce Solutions, Economic Development Corporation, and Chamber of Commerce partners.</p> <p>Areas of collaboration that will be addressed: youth career day, postsecondary partnerships, leveraging grants to include partners and common projects.</p>
10:00am – 10:45am	<p>B Measuring the Success of Work-Based Learning Opportunities in Career & Technical Education 4</p> <p><i>Speakers: Cindy Miller</i></p> <p>Perkins V asks that states measure the effectiveness of work-based learning opportunities provided for secondary students as it relates to the training they receive in a particular CTE program. Participants in this session will work through key decision points to help select an appropriate work-based learning measure and then develop that measure. The CTE case-based scenarios will provide background and context for each decision, describe the benefits and challenges for some options, and highlight examples for the participants to consider in their decision. Each participant will have online access to handouts with activities and a place for them to document their notes and final decisions.</p>

11:00am – 11:30am	G Keynote Session with Anne Grady Grand Zoomroom <i>Speakers: Anne Grady</i> Anne Grady has become known as a leading expert on communication, leadership, emotional intelligence, and resilience, contributing to Harvard Business Review, Entrepreneur, Fast Company, Inc. Magazine, FOX Business and many more. Audiences love her raw honesty, edgy humor, authenticity, and insight. Anne shares inspiring personal stories, cutting edge, research-based content, and implementation tools to transfer learning into real life to improve relationships, navigate change, and triumph over adversity. And she'll make you laugh while she does it.
11:30am – 12:30pm	S Visit the Solution Showcase Solution Showcase
12:30pm – 1:15pm	B Apple Professional on Going Mobile in Health Care - Only available LIVE 1 Discover how mobile technology is being used to reimagine learning, practice and research. We'll explore how Apple solutions are advancing collaboration and innovation as you prepare students for careers in medicine, nursing and the healthcare professions. Here's what you'll experience: <ul style="list-style-type: none"> • Connect with like-minded peers as they share what they've learned by transforming the teaching, learning, and clinical environment with mobile technology. • Discover how carefully designed technology initiatives can engage students and prepare them for success in their careers. • Explore new digital learning experiences that include apps, augmented reality, and books that enhance collaboration and personalize learning. • Learn how mobile technology is helping today's healthcare professionals greatly improve communication, collaboration in patient care and research.
12:30pm – 1:15pm	B Bringing Ethics into the Classroom 2 <i>Speakers: Tammy Cyrus</i> Ethical decision making is hard. Research shows that ethical decision-making can be taught. Come learn about the three stages of moral development and the FREE resources that are available from the Daniels Fund High School Ethics Initiative to bring ethics into the classroom.
12:30pm – 1:15pm	B BusinessU: TEKS-Aligned, NTI/Hybrid, Ready-To-Teach, Business & Marketing Courses, Curriculum, and LMS (exhibitor content) 5 <i>Speakers: Michael Lewis</i> BusinessU is an interactive business education curriculum platform, with a bent towards entrepreneurship. Our goal is to prepare students to be "shark-tank-ready" by the time they graduate high school. All BusinessU curriculum has been designed and vetted by business and industry professionals. Complete LMS, pre-loaded standards-based courses covering many programs of study, daily lesson plans and pacing guides, and user-friendly ability to add your own additional content into our LMS. Auto-grading, and real-time rubric and measurement of time on task, quiz scores, and content completion. Also measures group collaboration and student leader efficacy. Teacher dashboard, web-based, and compatible with all browsers and devices (PCs, MACs, Chromebooks, iOS, Android).

12:30pm – 1:15pm	<p>B CTE Job Pathways & Artificial Intelligence: Future Ready Emerging Career Trends (exhibitor content) 6</p> <p><i>Speakers: Corinne Hoisington</i></p> <p>Tap into the latest information to assist in guiding your students into careers that are meaningful, high paying, and have massive opportunity. What career and technical programs have the highest opportunities and the highest unemployment in the next decade? How can we update our CTE programs to align with new job opportunities? The Fourth Industrial Revolution we are experiencing today builds on this first wave of computerization with the latest, rapidly evolving and disruptive advances in technology: the Internet of Things, the Industrial Internet, robotic process automation, autonomous vehicles, artificial intelligence, VR, AR, cyber-physical systems and connected wearable devices. The challenge is determining how we, as educators, can best train the next generation of students for a future that is still evolving. How can we teach differently to meet the new demands of AI? Many businesses and individuals are optimistic that this AI-driven shift in the workplace will result in more jobs being created than lost. But which jobs with which skills?</p>
12:30pm – 1:15pm	<p>B Implementing Practicum of Vet Science to Prepare Students for Industry Certifications 3</p> <p><i>Speakers: Shannon Shiver, Ashlie Bowen, Danell Karasek</i></p> <p>This presentation will discuss techniques for implementing a practicum of vet science course and the benefits of preparing students for industry certifications.</p>
12:30pm – 1:15pm	<p>B The Power of Partnerships: The Story of How Three Rural School Districts in South Texas are Pioneering the Education Experience for Students 4</p> <p><i>Speakers: Michael Gonzalez</i></p> <p>Approximately 37% of Texas schools are classified as rural. The Rural Schools Innovation Zone (RSIZ) was created in 2019 as a way to provide rural school students access to high-quality career and technical education programs while also positioning students for postsecondary success. Attendees will hear how Brooks County, Freer, and Premont ISDs utilize strategic partnerships with various technical assistance providers to better serve students. The organizational and operational structures of the RSIZ will be shared. Lessons learned from the first operational year will also be shared.</p>
1:15pm – 1:30pm	<p>S Visit the Solution Showcase Solution Showcase</p>
1:30pm – 2:15pm	<p>B Budgeting, Savings & Setting Goals: Are your students ready? 6</p> <p><i>Speakers: Morgan Ackley</i></p> <p>Equip your students for financial success during and after high school with the newly designed financial literacy lessons brought to you by the Federal Reserve Bank of Dallas. Building Wealth lessons can be used in any classroom to teach students the foundational skills of budgeting and savings which are essential skills all students need.</p>
1:30pm – 2:15pm	<p>B Building a Strong Engineering Program 2</p> <p><i>Speakers: Ralph Szydluk</i></p> <ol style="list-style-type: none"> 1. Mr. Szydluk the Educator 2. Overview of Teaching Philosophy 3. Flower Mound High School (FMHS) Tech Club Sponsor 4. Tech Club Organization 5. Technology Student Association (TSA) 6. FIRST - For Inspiration and Recognition of Science and Technology (FIRST) 7. FIRST Tech Challenge (FTC) 8. FIRST Robotics Competition (FRC) 9. New Initiatives for 2020 - STEMpump and eSports 10. Summer Learning 11. Student Testimonial 12. Questions

1:30pm – 2:15pm	<p>B Innovative Industry Instruction...Revolutionizing the way we teach through industry expertise. 3</p> <p><i>Speakers: Cristina Santos</i></p> <p>In this session, you will understand the importance of knowing what you will teach in the classroom based on your industry expertise. You will discover the best strategies to teach your content, and how to keep your students engaged. In addition, you will also distinguish the differences in your student population to differentiate instruction. Finally, you will be able to use this gained knowledge to take your Trades and Industry exam or Content exam and pass.</p>
1:30pm – 2:15pm	<p>B Stay Connected: Strategies for Supporting Teachers in a Virtual Platform 4</p> <p><i>Speakers: Stacey Whitmore, Felicia Lara</i></p> <p>This session will show participants an overview of how the Career Readiness Department supported teachers through distance learning. We will cover the following topics: use of the district learning management system, developing a repository of resources, one-to-one teacher support, professional learning communities, professional development, summer projects, and CTE highlights. We in CTE expeditiously adjusted to the virtual platform and maintained momentum through the end of the school year.</p>
1:30pm – 2:15pm	<p>B TEA PD Panel and Roundtable Grand Zoomroom</p> <p><i>Speakers: Debbie Wieland, Dale Fowler, Kevin Johnson</i></p>
1:30pm – 2:15pm	<p>B Virtual Curriculum Writing in the Midst of School Closures? Absolutely! 5</p> <p><i>Speakers: Peggy Mica</i></p> <p>Each year after the last work day of the school year, Round Rock ISD CTE teachers participate in two days of curriculum writing. We wondered: could we make that happen productively this year in a virtual setting? Absolutely! Attend this session to learn about our focus points for the two days and the logistics that made it work. The planning up front and the professionalism of our teachers made it one of our most successful Curriculum Writing sessions ever!</p>
2:15pm – 2:45pm	<p>S Visit the Solution Showcase Solution Showcase</p>
2:45pm – 3:30pm	<p>B A Preview of 87th Legislative Session with CTAT Legislative Consultants Marty DeLeon and MJ Nicchio Grand Zoomroom</p> <p><i>Speakers: MJ Nicchio, Marty DeLeon</i></p>
3:30pm – 4:15pm	<p>S Virtual Social Hour/Area Meetings The Tavern</p>

JULY 22 • WEDNESDAY

9:00am – 9:45am	B Adverse Childhood Experiences – ACEs 1 <i>Speakers: Tracy Reinen</i> In this session, we will discuss the impact of ACEs and how it transcends the traditional boundaries of health and human service systems. The first step toward healing comes with understanding the problem. As educators our words and our commitment are vital to the future we all want for our students. The goal of this session is to develop common language and common understanding about how experiences shape our well-being.
9:00am – 9:45am	B BPA 101-Ideas to make your BPA chapter great! 2 <i>Speakers: Diana Weber</i> Thinking of starting a new BPA chapter at your school and clueless as to how to get started? Looking for some fresh and fun ideas to prepare for contests, raise money, grow your chapter or just do some networking? New advisors and veteran advisors are welcome to attend and share. Join us for a fun session where we will share ideas, brainstorm solutions and work together to get your BPA chapter off to a great start.
9:00am – 9:45am	B Catch the Wakelet Wave 3 <i>Speakers: Courtney Watson</i> You haven't surfed the Wakelet waves yet? It's definitely time to dive in and ride the #WakeletWave. The digital world can be overwhelming. Come learn about the free visual content platform that allows you and your students to save, organize, present, and curate online information so it is easier to find and share from across the web. This amazing tool can pull directly from your Google Drive and integrates with all of your favorite, most-used applications. Participants will be able to: explore what Wakelet has to offer for personal and professional uses, share as a contributor in a collection, and leave with templates, project ideas and more.
9:00am – 9:45am	B COVID 19 E-Learning Lessons & Allied Health Sciences Pathway Students as interim Community Health Educators 4 <i>Speakers: Celia Clay, MPH, CTP, Jan Bateman, MD, RPh, Krystal Barajas, LAT</i> This presentation profiles how the Allied Health Sciences students in grades 9 – 12 at Pearland High School in Pearland Independent School District (PISD) in Pearland, Texas utilized a series of seven, original e-based, weekly lessons to engage new learning around the COVID 19 pandemic and act as, de facto, Community Health Educators in sharing their real-world, timely, life-saving learning with family, friends in the greater Pearland, Texas community (200,000+ population) and virtual, e-learning networks. Allied Health Science Faculty members in the Pearland High School (PHS) Career and Technical Education (CTE) Department, using school district and campus Administration COVID 19 lesson directives, designed the series of TEKS (Texas Essential Knowledge and Skills) - based lessons focusing on COVID 19 – related topics. Each lesson was designed to engage all Allied Health Sciences pathway students, grades 9 – 12 in application-level learning and as, de facto, Community Health Educators. TEKS selected were cross-cutting for the following Allied Health Sciences pathway courses: Principles of Health Science, Medical Terminology, Health Science Theory, Health Science Theory with Clinicals and World Health Research. The goal was to challenge the self-efficacy of each student to adapt the resources available to them to achieve the goal of Community Health education through a mechanism of their own selection. By repeating the same Community Health education outreach lesson requirement each week, each student was free to select their: (a)audience size, (b) message content and (c) delivery modality while still meeting the lesson criteria. By design, the intent was to allow a wide range of creative self-expression by the student while still raising the scientific literacy around COVID19 in the community population and encourage family, friends and larger, e-community dialogue around life-saving COVID19 learning. The presentation will include examples of student Tic Tocs and short videos demonstrating student Community Health education strategies as well as data summaries of student participation.
9:00am – 9:45am	B TEA CCRMS Session Grand Zoomroom <i>Speakers: Crystal Garza</i>

9:00am – 9:45am	<p>B The CTE Talent Pipeline - Why the petrochemical industry is still a strong career choice 5</p> <p><i>Speakers: Glenn Johnson, Patti Bell</i></p> <p>Join Workforce Development Coordinator, Patti Bell from Economic Alliance Houston Port Region with Glenn E. Johnson, Head of Workforce Development – BASF North America.</p> <p>Gain first hand knowledge of the workforce demands along the gulf coast and in Texas. Engage in discussion about how CTE teachers, counselors, administrators and parents are the first line of communication with students about high-demand, high-wage careers.</p> <p>How does this industry help provide essential products to our community and how can you be a part of that?</p>
10:00am – 10:45am	<p>B BPA Update 2</p> <p><i>Speakers: Diana Weber</i></p> <p>Come and grow your professional network and start your year with Texas Business Professionals of America. We will share updates for the year including details on conferences and connecting you with resources and advisors in your area. Time for networking and sharing ideas will be included. Join us for door prizes and give aways. New advisors are always welcome!</p>
10:00am – 10:45am	<p>B Find the SUITE Spot: More Google Tips and Tools to Try Tomorrow 3</p> <p><i>Speakers: Courtney Watson</i></p> <p>Coming after the most unusual ending of a school year in my career, we learned that instructional technology is definitely an “AND” for learning, not an “OR.” If you attended my session at CTAT Summer 2019, we talked about valuable technology resources to take our productivity to the next level. Let’s explore even MORE ways that Google tools and applications can help any teacher save time, improve efficiency, and increase engagement and accessibility in or out of the classroom. The tools and tips we will discuss include the benefits of Chrome - extensions and profiles, Google Suite tools, Pear Deck for interactivity, and more. Participants will leave with templates, resources, and tips that can be implemented immediately.</p>
10:00am – 10:45am	<p>B Navigate: Exploring College and Careers 4</p> <p><i>Speakers: Morgan Ackley</i></p> <p>Help your students imagine their own path to success with this free resource from Federal Reserve Bank of Dallas. Navigate: Exploring College and Careers allows students to examine various careers and educational requirements, evaluate different educational opportunities after high school, and research the cost of postsecondary education and types of financial aid and educational assistance.</p>
10:00am – 10:45am	<p>B TEA Texas Regional Pathways Network Grand Zoomroom</p> <p><i>Speakers: Jarrad Toussant</i></p>
10:00am – 10:45am	<p>B Trauma Informed Schools 1</p> <p><i>Speakers: Tracy Reinen</i></p> <p>In this session, we will discuss the different forms of trauma, the physical, emotional, cognitive, and behavioral signs and symptoms of trauma, and how trauma impacts brain development. The goal of this session is to help educators learn to look at our students from the perspective of what has happened or what is happening to them, instead of what is wrong with them. Learning about protective factors and building relationships are some of the first steps to becoming a trauma informed school.</p>
10:00am – 10:45am	<p>B Using Video to Assess and Guide Student Learning 5</p> <p><i>Speakers: Tracy Shea, Robin Gosdin, Jodi Thomas</i></p> <p>Video is quickly becoming a standard tool that supports student learning. Find out how two CTE Health Science teachers at Cleburne High School are using video to help their students assess their workplace skills to earn industry-level certification. Discover ways you might use this approach with your students.</p>

11:00am – 11:45am	<p>B Architecture Cluster - Vertical Alignment 1</p> <p><i>Speakers: Betsy Slemmons, Jamie Taylor, Megan Garza</i></p> <p>We will take a look at the foundation knowledge in Principles of Architecture and how to build on that in Interior Design 1 and Architectural Design 1. And then continuing that knowledge development in Interior Design 2 and Architectural Design 2. We will cover how to create a portfolio that students can build on throughout their high school architecture classes.</p>
11:00am – 11:45am	<p>B Business, Marketing, and Finance Project Based Learning 2</p> <p><i>Speakers: Natalie Moeckel</i></p> <p>Explore new ideas on how to incorporate project based learning into your business classroom. We will look at four specific projects for four different courses in the Business, Marketing, and Finance program of study.</p>
11:00am – 11:45am	<p>B More than Moving Online in CTE: Critical and Creative Teaching Remotely 5</p> <p><i>Speakers: Corinne Hoisington</i></p> <p>Given the current "new" world where we need to be able to teach face-to-face or online, what are the best practices for teaching CTE remotely. In the design of a modern, interactive course, it is important that educators innovate and not just replicate current online course methodology. How do we teach automotive to robotics online? See free engaging technologies such as Microsoft Teams, Zoom, and Flipgrid in any teaching but with the navigation of how to connect with our students from a distance.</p>
11:00am – 11:45am	<p>B Razor Arts -- Cutting Edge A/V Technology in the Classroom 3</p> <p><i>Speakers: Liesel Gruben</i></p> <p>This is a training for one of the best new technologies that I have found that not only enhances classroom instruction, but allows the seamless use of any specific video or interactive content for flipped classrooms and distance learning. Razor Arts bridges the gap between in person classroom learning and learning online, which is a must have resource for any educator at any level. Razor Arts is a platform that can not only be used in the classroom, but anywhere traditional or distance learning takes place. There is truly something for everybody in this virtual training that includes:</p> <ol style="list-style-type: none"> 1. Sharing any Video using Razor and receiving Rich Analytics 2. Adding questions to videos or clips using the Auto-Question-Generator t 3. Selecting and instantly trimming the right portions of videos for concise targeted learning. 4. Using Live Mode to create a real time fun learning experience! 5. Creating a Fun Collaboration Video with students or participants 6. Enabling Parents to use Razor to reinforce learning at home. <p>There is also an optional introductory training offered on the site (free) that participants can explore and complete.</p> <p>I have been using other resources for years and this is hands down my favorite new technology to use that I came across this year due to school closings. I can't wait to share all the possibilities in this training.</p>
11:00am – 11:45am	<p>B SkillsUSA 101 4</p> <p><i>Speakers: Bart Taylor</i></p> <p>SkillsUSA is a nationally recognized Career and Technical Student Organization that focuses on creating a unique experience for its members through a partnership between students, teachers and industry. SkillsUSA's mission is to help its members become world-class workers and responsible American citizens. SkillsUSA complements technical and skilled training with instruction that is co-curricular and integral to CTE programs. From Perkins funding to the SkillsUSA Framework, this session will provide an overview of the SkillsUSA Texas experience and provide an insight into what makes SkillsUSA stand out among other student organizations.</p>
11:00am – 11:45am	<p>B TEA IBCs and Reimbursement Process Grand Zoomroom</p> <p><i>Speakers: Avery Barrera, Tracy Johnson</i></p>

12:30pm – 1:15pm	B Best Practices for Leading a Thriving CTSO 1 <i>Speakers: Ashlee Boothe</i> Did your principal ask you to lead a CTSO and the thought of it makes you cringe because you have no idea where to start? Come learn from a former State Vice President School leader and State Competitive Events Coordinator of TAFE (Texas Association for Future Educators) how to lead a thriving and competitive CTSO. In this session you will learn how to navigate the CTSO world of setting up a new CTSO, attracting new members, competitions, and community service.
12:30pm – 1:15pm	B Minecraft in the Classroom 2 <i>Speakers: Virena Sampayo</i> This hands-on workshop is a jumpstart on how to bring Minecraft Education Edition into your classroom, regardless of the grade level of your students. Bring your laptop or iPad to leave with new ideas and lessons to use in your classroom. Teachers will be able to: <ul style="list-style-type: none"> • use computational thinking skills in their classrooms • learn how to use the basics of Minecraft Education Edition • explore how Minecraft complements reading, writing, math, and history • create activities and lessons using Minecraft
12:30pm – 1:15pm	B Smart Strategies for Financially Savvy Youth 3 <i>Speakers: Leslie Jones</i> Achieving financial well-being as an adult is about more than how much money you make or whether you're able to do your taxes, balance your checkbook, or pay your bills. It's about having control over your money and being able to make choices that allow you to enjoy life. In this session, review financial literacy activities that you can incorporate in your classroom and find ideas to share with your colleagues. The CFPB offers a variety of teaching resources on consumerfinance.gov that makes it easy to incorporate financial literacy activities to teach students the skills they need to understand personal finance and assess how well they have attained the building blocks of youth financial capability—no matter what subject you teach.
12:30pm – 1:15pm	B TEA Office Hours Grand Zoomroom <i>Speakers: Ryan Merritt</i>
12:30pm – 1:15pm	B Top 10 Things New CTE Teachers Should Know 4 <i>Speakers: Ninfa Cadena</i> New CTE teachers will gain insight into what the intricacies of being a successful teacher at the high school level. Discussion will include: classroom management, special pops, teacher tools, CTE advisory committees...
1:15pm – 1:45pm	S Virtual Wrap Up Grand Zoomroom