

Session 3:

Drones in Education & Society: Build them, Program them, Fly them, Fix them.

Minds-I Drones Curriculum, preparing individuals with all the skills required to build, program, fly and repair ground and air drones. SKILLS USA Competition challenge this year: "Asteroid Exploration & Mining" Free curriculum and Drone kit to be given to one attendee.

Presenter: Dale Toney, Scott Weller

Email: scott@ttaweb.com

New Soft Skills Solution | Get your students ready to work

Florida Ready to Work is an easy-to-implement career readiness curriculum and credentialing program focused on the foundational employability and soft skills required for most all jobs today. Funded by the State of Florida, there is no cost to schools or students to participate, and schools may earn up to \$30 per student in unrestricted performance funding. Learn how schools statewide are using the program to better prepare students for industry certification and take the next step toward internship, apprenticeship, post-secondary training, and employment.

Presenter: Colleen Englert

Email: cenglert@floridareadytowork.com

The Music in You

This presentation will help participants learn how to prepare youth in the various entertainment-based technologies used today. Topics like business development, historical perspective, curriculum development, community partnerships and entrepreneurship skills for independent business people will be discussed.

Presenter: Martie Lovely

Exploring 5 Generations @ School + Work!

For many of us, we have five generations working side by side and in our classrooms, each with different communication, values, motivators and career development styles. Join the conversation as we explore the multi-generations (co-workers, parents, students) characteristics and trends in this workshop.

Presenter: Annie Clasen

Email: annie.clasen@sdhc.k12.fl.us

Lifelong Learning Competence and CTE

It seems that CTE has been left out of the College and Career Readiness conversations throughout the country. How can that be since CTE is literally all about "Career

Readiness”? Some say that CTE programs are seen as competition for colleges and universities. If potential students complete CTE programs for high-paying technical jobs, then why would they attend a 4- or 6- college degree program? There is a benefit to having both college and careers. To change the narrative for CTE, teachers and administrators need to include lifelong learning competency skills as part of the CTE program curriculum. Attend this presentation to find out what it means to be college and career ready and how we can make our CTE graduates competitive in the workforce with lifelong learning.

Presenter: Dr. Lisa Martino

Email: Lisa.Martino@ucf.edu

FLDOE State Supervisor Update

Presenter: Anne Nyman

CAPE PART II – Special Topics

This session will provide an overview of a CAPE specific topic and requirements and limitations

Presenters: Tara Goodman and Kathryn Frederick-Wheeler

Apprenticeship Strand Presentation

Presenter: Richard “Ted” Norman, FLDOE

Challenges teachers are facing in STEM education

After conducting multiple STEM teacher trainings in Tallahassee, Ocala, and Sarasota, we have run focus groups for teachers looking at challenges in the classroom. With enough data, we can now discuss our results and make suggestions for teachers and districts.

Presenter: Ebe Randeree

Email: randeree@gmail.com

Math: A Tack for the Trades

Beyond these everyday practical applications, math is a critical field of study for the high-skill, high-wage jobs that sustain our economy. But students who want to solve the problem of climate change, advance medical research and cure disease, or spur the next generation of technological innovation are not the only ones who need great math skills. Everyone needs the ability to reason with mathematics and to become flexible mathematical thinkers so they can be civically literate citizens and discerning consumers.

Carpenters, Welders, etc., all need to have a number of math skills, but two of the most important skills that they are constantly using are fractions and measurements. After completion of this 60 minutes session, participants will be able to:

Engage in sustained work to bring improvements in math success to their classroom instruction.

Presenter: Evonski Bulger

Email: bulgere@gcpsmail.com

Dream Big, Plan Accordingly: How MyCareerShines Empowers Students to Visualize and Achieve Education and Career Goals

This session will provide an overview of Florida's MyCareerShines, powered by Kuder, Florida's state supported online education and career planning system that allows students to use their personalized interests, skills, and work values assessment results to search financial aid and scholarships, find colleges, build education plans, and much more! The session will also highlight how districts and schools are implementing MyCareerShines in order to ensure students may reach their education or career goals. Session attendees will learn how to facilitate and promote career exploration, help students plan for postsecondary transitions into college and/or career, and engage system users.

Presenter: Maggie Miller, Lead Florida Field Trainer, Kuder, Inc.

Email: millerm@kuder.com

Applied Academic Labs- School Based Enterprise - Garment/Product Decorating

Learn the features and benefits of garment decorating in the classroom to enhance your school store. Using our products, you can setup a "makers" lab to embellish items. Get students involved in all aspects of designing and creating garments and other pieces to enhance your school store, classroom, or organization.

Presenter: Richard Bloedow

Email: Richard@appliedacademiclabs.com

Financial Literacy for Career and Tech Educators

Award-Winning program that teaches your students to budget wisely.

Presenter: Audrey Tenney

Email: audrey@teachbanzai.com

Equipping the 2030 Workforce Pipeline

The year 2030 will be here before we know it. The workforce pipeline is in elementary school now. Students have to be prepared for a world much different from the one that exists today. And schools play a critical role in talent identification, workforce development, and community impact.

In this session, discover how to implement a unique, standards-based, interdisciplinary STEM and career pathway-focused experience for grades 6 – 9

Presenters: Eric Simmons, PITSCO Inc, Mark Gaudio, Steve Meints and Rod Jaeger, D.C. Jaeger Corporation

Email: rjaeger@jaegereducation.com