

A TEACHING AND LEARNING COLAB



PUEBLO

Tuesday, June 21, 2022
8:30 am - 3:30 pm



CSU PUEBLO

This summer, teachers and leaders are invited to attend the Pueblo Teaching and Learning CoLab, a new kind of no-cost professional development event that brings together stakeholders from school districts, higher education, professional teaching and other organizations, and the Colorado Department of Education. Registration is limited to 200 participants, each of whom will receive 8 CDE certificate hours.

Who Should Attend?

Participants are encouraged to attend the CoLab as a team, with teachers representing multiple grades and/or content areas. Focus content areas for 2022 include English language arts, health and physical education, mathematics, science, and computer science. Leadership-focused sessions will be provided for principals and other school leaders. For registration and to learn more about the event, visit:

cde.state.co.us/colab

Thank you to CSU Pueblo for hosting this CoLab and to these other collaborating organizations:



COLORADO
Department of Education

- COMPREHENSIVE HEALTH
- COMPUTER SCIENCE
- DANCE
- DRAMA & THEATRE ARTS
- FINANCIAL LITERACY
- MATHEMATICS
- MUSIC
- PHYSICAL EDUCATION
- READING, WRITING AND COMMUNICATING
- SCIENCE
- SOCIAL STUDIES
- TECHNOLOGY
- WORLD LANGUAGES



CSU Teaching and Learning CoLab 2022

- D District/School Planning and Closing
 G General Session
 H Health Education (Comprehensive Health)
- L Lunch
 M Mathematics
 P Physical Education
 R Reading Writing Communicating
 N Registration
- S School Leadership
 C Science
 E STEM
 T Transition/Break

JUNE 21 • TUESDAY

PINNED 8:15am – 9:00am	N Registration and Check-in - Breakfast Provided by CSU Pueblo Registration and Check in for the Teaching and Learning CoLab. Visit the resources table in the lobby.	TBA
PINNED 9:00am – 9:45am	G Welcome and Orientation Welcome and Orientation - Participants are welcome and opening sessions. Participants will be welcomed by a University Representative and CDE Representative. We will lay the foundation for an exciting day of learning and collaboration.	TBA
PINNED 9:45am – 10:00am	T Transition/Break	TBA
10:00am – 11:00am	Breakout Session 1	TBA
10:00am – 11:00am	H From Apprehensive to Elevated: Engaging Community in a Systems Approach to Sex Education <i>Speakers: Bekkah Abeyta, Adrienne Gomez</i> As many of us know, sex education is heavily publicized which can lead to various challenges when implementing. This session will explore a systems level approach to implementation, along with other key areas to successful sex education. Additionally, we will look at the intersection of sex education, professional development and the seven comprehensive health education skills, which translate to other content areas and beyond. Participants will walk away with tools to create safer spaces in their schools, along with skills and resources to utilize as they engage in this work moving forward.	TBA
10:00am – 11:00am	H Practice, Practice, Practice: The Road to Students Mastering Health Skills <i>Speakers: Amanda Nichols</i> Session Description: Colorado's Comprehensive Health Education Standards emphasizes a skills-based approach to health education, pairing each Grade Level Expectation with a health skill outlined in the National Health Education Standards. In order for students to demonstrate proficiency in the Evidence Outcomes, students need relevant and engaging practice opportunities that allow students to apply the functional health information to the health skills. This session will support health educators to use the health skill progression model in order to lead the the proficiency of each standard. Participants Will Be Able To: 1. Explain the importance of relevant and engaging practice opportunities for skills-based health education. 2. Define practice in skills-based health education. 3. Determine the difference between effective and not-so-effective practice opportunities in skills-based health education.	

10:00am – 11:00am	M	<p>Accelerate Don't Remediate</p> <p><i>Speakers: Mary Pittman</i></p> <p>The pandemic led to an abundance of missed learning, the question of how to get kids up to speed is critical. This session will explore the findings from a study that compared traditional remediation and learning acceleration. Analyzing data across 6,000 classrooms over the 2020–21 school year, the study found that students who experienced learning acceleration struggled less and completed more grade-level lessons than those who experienced the more traditional approach of remediation. We will explore: How does learning acceleration differ from remediation?; and, What does learning acceleration mean in practice?</p>	TBA
10:00am – 11:00am	M	<p>Making the Mathematics Standards Work for You</p> <p><i>Speakers: Raymond Johnson</i></p> <p>It's not uncommon to feel overwhelmed when trying to read and understand the Colorado Academic Standards for Mathematics. In this session, we'll make sense of the organization of the standards and spend time understanding the themes and progressions of learning that help teachers make good decisions about teaching the right content, at the right time, for the right amount of time. We will also explore the Coherence Gap Spreadsheet, a tool for helping teachers understand possible consequences of skipping or not fully covering all the standards.</p>	
10:00am – 11:00am	P	<p>Advocating for your Health and Physical Education Programs</p> <p><i>Speakers: Becky Wylie</i></p> <p>Session Description:</p> <p>Collaborative and interactive session about benefits of advocating for your Health and Physical Education program. Participates will share ideas, access available resources and create next steps for implementation.</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Identify the importance of Health and Physical Education and it's benefits to students. 2. Advocate at the school and district level using provided resources. 3. Identify 2-3 next steps that they would like to incorporate in their school/district. 	
10:00am – 11:00am	P	<p>Teacher and Support Staff Training and Development in Adapted Physical Education</p> <p><i>Speakers: Danielle Musser</i></p> <p>Participants will learn about the world of adapted physical education. We will be focused on disability awareness and trying a variety of physical activities with adaptations. Participants will be able to expand their knowledge to better support their students, support staff, and general physical education teachers with this session.</p>	TBA
10:00am – 11:00am	P	<p>Tips & Tricks for Managing Classroom Physical Activity</p> <p>Students spend a significant amount of their time in school engaged in sedentary behaviors. This session will provide participants with examples of ways to meaningfully integrate movement and academic content. Participants will be taught strategies to effectively manage movement in the classroom, and will experience several movement-based classroom lessons!</p>	TBA
10:00am – 11:00am	R	<p>READ Act Assessments</p> <p><i>Speakers: Tammy Yetter, Claudia Ladd, Anji Gallanos</i></p> <p>Participants will learn about the requirements for the use of assessments in the READ Act. The session will provide information on the process for the review of assessments for the READ Act Advisory List of Assessments and the timeline for upcoming assessment reviews.</p>	TBA
10:00am – 11:00am	R	<p>Strategies for Increasing and Improving Academic Writing in grades 6-12</p> <p>In this session, participants will explore strategies to increase the output of academic writing and improve the quality of academic writing across all content areas.</p>	

10:00am – 11:00am	<p>R Supporting Student Engagement and Learning through the Inquiry Activity of Written Conversations TBA</p> <p><i>Speakers: Kitty LaFond</i></p> <p>If institutions of education view student engagement as paramount in student achievement, it is important that the construct be clearly defined and that educators and curriculum designers examine academic activities for their impact on student engagement and the learning process. Please join this session and learn about the inquiry based activity, Written Conversations. Be involved in examining how this activity supported and constrained student engagement and the learning process for ALL students.</p>
10:00am – 11:00am	<p>S Effective Implementation of Initiatives through a well-structured Multi-Tiered System of Supports for School Leaders TBA</p> <p><i>Speakers: Lynne DeSousa</i></p> <p>Colorado Multi-Tiered System of Supports (COMTSS) is a framework applied at all educational levels that uses implementation science to create one integrated system. This system is designed to support the needs of all students by creating structures, operations, and opportunities that systemically remove barriers for adults as they implement solutions for students. Participants of this session will dive into the 5 essential components making up COMTSS and learn how to create the infrastructure they need for effective implementation of prioritized initiatives that lead to student improvements. Tools and resources will be shared that schools and districts can access to build content knowledge and improve successful implementation of multi-tiered systems at their sites.</p>
10:00am – 11:00am	<p>S Planning & Leading with Clarity for School and Building Leaders TBA</p> <p><i>Speakers: Andy Swanson</i></p> <p>Regardless of the magnitude of change leaders are attempting to bring to classrooms in order to support standards-based instruction, change efforts can get bogged down for a variety of reasons. This session is designed to help leaders refine their change efforts through greater clarity, prioritization, and aligned supports and accountability.</p>
10:00am – 11:00am	<p>C Introducing the CAS Science: Science Teaching and Learning in 3D</p> <p><i>Speakers: Megan Caraway, Maya Garcia</i></p> <p>Come learn about the new Colorado Science Standards in this interactive session! We will unpack the standards, and learn how to integrate them into your units and lessons. The session will provide an overview of the standards and how to decode a standards page. We will also examine the instructional shifts associated with the CAS Science Standards for your grade level.</p>
10:00am – 2:30pm	<p>C Exploring the Science of Exercise - 3D Learning in Action (ALL DAY SESSION) MS and HS Teachers</p> <p><i>Speakers: Sandy Smith, Nancy Hampson, Robin Walters</i></p> <p>Wondering what implementation of the 2020 Colorado Academic Standards in science might look like? Join us to experience 3D science learning as both student and teacher. You'll get a chance to participate in a powerful A&P lab experience where you will ask a scientific question, collect and analyze your data, and answer your scientific question. You will experience strategies that can be integrated into your own science teaching, like the 'board' meeting used to share data. The experience models phenomenon-based teaching based in a storyline that integrates crosscutting concepts (stability and change, structure and function) and core science ideas. Although the specific example is from a class in A&P, the experience would be meaningful for any secondary life science or biology teacher wanting ideas for implementing 3D learning in their classroom.</p>
10:00am – 2:30pm	<p>E STEMify Your Classroom- A Multidisciplinary Approach for Elementary Teachers TBA</p> <p><i>Speakers: DeLene Hoffner, Sandy Lamb</i></p> <p>(K-5th) Rocketry, plants, architecture, and birthday science lessons will use an integrated approach to engineering using children's picture books with hands-on explorations incorporating reading, writing, science, and math. Lessons are aligned to the NGSS 3-dimensional learning model with crosscutting concepts, science & engineering practices, and, of course, our CO content standards. This session includes lesson plans as well as wonderful prizes for your classroom. Note: This is a full-day session.</p>

	T	Transition/Break	TBA
PINNED 11:00am – 11:15pm			
11:15am – 12:15pm		Breakout Session 2	TBA
11:15am – 12:15pm	H	How Fun Can Health Class Be?? <i>Speakers: Deanne Romero</i> Session Description: Participants will gain firsthand experience in applying Skills-Based Health Education strategies by engaging in mini Health lessons. Learn how easy it is to use hands-on, interactive, engaging activities to accompany your Skills-Based Health Education program and bring your Health class to life. You will leave with ideas you can implement tomorrow. Learning Target: <ul style="list-style-type: none"> participants will be able to identify three strategies to increase interaction, engagement and participation in Health education. 	
11:15am – 12:15pm	H	More Than Sex and STIs: Comprehensive Human Sexuality Education <i>Speakers: Danielle Tuft, Deja Moore</i> Comprehensive Human Sexuality Education (CHSE) is known to improve youth sexual health and reduce unintended pregnancy, but what about suicide, bullying, and sexual violence? This session will explore how CHSE policies and instruction, with a focus on approaches that center equity, can be used to impact risk and protective factors and multiple youth outcomes. Presenters will discuss the research behind CHSE, core components of instruction, and available resources to support implementation to meet the needs of youth.	TBA
11:15am – 12:15pm	H	Social Emotional Learning in Schools: Creating a Caring Classroom Environment <i>Speakers: Michelle Malvey</i> Session Description: Our schools and classrooms are in a constant state of change, particularly over the past few years. This session will discuss how to assess what students need from a social/emotional wellness perspective; how to ensure we provide supports for social/emotional learning for all students and will give some ideas for how we can redesign schools with a focus on building stronger relationships. Objectives: <ol style="list-style-type: none"> Participants will understand that social emotional learning and wellness is the foundation for all that we do as educators. Participants will identify resources that will support them in the work of reimagining social emotional learning and wellness in their educational setting. 	
11:15am – 12:15pm	M	Accelerate Don't Remediate <i>Speakers: Mary Pittman</i> The pandemic led to an abundance of missed learning, the question of how to get kids up to speed is critical. This session will explore the findings from a study that compared traditional remediation and learning acceleration. Analyzing data across 6,000 classrooms over the 2020–21 school year, the study found that students who experienced learning acceleration struggled less and completed more grade-level lessons than those who experienced the more traditional approach of remediation. We will explore: How does learning acceleration differ from remediation?; and, What does learning acceleration mean in practice?	TBA
11:15am – 12:15pm	M	Data Science: New Frontier or Same Old Statistics? <i>Speakers: Chris Summers, Raymond Johnson</i> What is data science, and why is it mentioned in seemingly every conversation about high school math pathways? And is it really anything more than statistics with computers? In this session, we'll look at how data science represents a multidisciplinary STEM field and learn about some of the curricular programs growing to meet educational and industry demands.	TBA

11:15am – 12:15pm	P	Interactive Physical Education Space <i>Speakers: Ben Wells</i> Session Description: Have students that are obsessed with video games and less interested in practicing physical education skills? Want to increase the participation and engagement of all students, not just the physically blessed ones? Only have access to a few pieces of technology? This session focuses on how to create an interactive wall or space within your education space. While there are companies out there that provide entire systems to create interactive walls and challenges and can cost quite a bit. Learn how to develop your own basic interactive wall and use it to leverage your students interest in video games and such. Within this session you will learn to develop and use an interactive space with the tools currently available to you. Objectives: 1. Participants will be able to create an interactive wall or space within your education space using technology tools available to them now. 2. As a result of this training participants will be able to try different technology tools and develop their own form, feel for an interactive wall or space.	
11:15am – 12:15pm	P	Physical Education Session TBD	
11:15am – 12:15pm	R	Introduction to 4+ READ Plans: Guidance Aimed at Supporting Students on READ Plans in Secondary Grades <i>Speakers: Olivia Gillespie</i> This session will support the district leaders, school administrators, and classroom practitioners in meeting the literacy needs of students who remain on READ Plans in grades 4-12. We will walkthrough phase one of the guidance being released by the Colorado Department of Education that addresses frequently asked questions in the following areas: legislation, systems and structures, curriculum and instruction, assessments, transition, leadership, English language learners, and students with disabilities. This session will preview the work for phases two-four and opportunities for collaboration between CDE and districts on guidance, resources, and professional development.	TBA
11:15am – 12:15pm	R	Selecting Scientifically and Evidence Based Curricula <i>Speakers: Claudia Ladd</i> We share common goals and responsibility in ensuring that our students are confident and skillful readers. Selecting an instructional program is essential in working towards these shared goals. In this training, we will go through some high-level information on scientifically and evidence-based reading instruction, discuss the differences between Core, Supplemental, and Intervention programming, and walk through tools that can be used to help in this decision-making process.	TBA
11:15am – 12:15pm	R	Supporting Student Engagement and Learning through the Inquiry Activity of Written Conversations <i>Speakers: Kitty LaFond</i> If institutions of education view student engagement as paramount in student achievement, it is important that the construct be clearly defined and that educators and curriculum designers examine academic activities for their impact on student engagement and the learning process. Please join this session and learn about the inquiry based activity, Written Conversations. Be involved in examining how this activity supported and constrained student engagement and the learning process for ALL students.	TBA
11:15am – 12:15pm	S	Mentoring Matters: Teacher Induction Planning for School and Building Leaders <i>Speakers: Dr. Kristin Kipp</i> Research shows that a comprehensive induction program, including a strong mentor, can reduce teacher turnover by half. In this session, we will reflect on mentoring best practices and identify areas for growth based on current research. You can expect to engage in a guided discussion with other leaders around what's working in your mentoring program and what you could try next.	TBA

11:15am – 12:15pm	S Universal Design for Learning: Creating Inclusive Learning Environments <i>Speakers: Milcah Hawk, Arlisha Lawson</i> This session will discuss the ways that Colorado Multi-Tiered System of Supports (COMTSS) and Universal Design for Learning (UDL) are interwoven and work hand-in-hand with the Colorado Academic Standards to proactively create accessible, inclusive, and equitable learning environments. The overall goal of this session is to offer participants tangible ways, using COMTSS & UDL in combination with the Colorado Academic Standards, to proactively increase accessibility and engagement in the classroom for all students.	TBA
11:15am – 12:15pm	C Every Tree for Itself for Elementary and Middle School Teachers <i>Speakers: Rose Banzhaf</i> Join this active session as you take on the life of a tree struggling to survive in Colorado's forest. This Project Learning Tree activity brings many interdisciplinary activities together. Included will be variations involving fire, pests, and forest management. This session aligns with the Colorado Academic Standards for Science.	
11:15am – 12:15pm	C Exploring Connections to the Standards through Local Phenomenon in Chemistry <i>Speakers: Rick Farrer</i> We are the stuff that stars are made of! Learn how you can use locally available phenomena to engage students in thinking about physical science and chemistry in the world around us. During the session, we will unpack CAS Science aligned instructional practices, and engage with the Colorado Essential Skills and Science and Engineering Practices in a lab setting. Investigate properties of matter, and chemical interactions, and consider ways to support sense-making using the Crosscutting Concepts.	
11:15am – 12:15pm	C Exploring Connections to the Standards through Local Phenomenon with Colorado Parks and Wildlife <i>Speakers: Maya Garcia, Heather Hubbard</i> Learn how you can use locally available phenomena to engage students in making sense of phenomena in their local community. During the session, we will unpack CAS Science aligned instructional practices, and engage with the Colorado Essential Skills and Science and Engineering Practices. We will discuss media resources, and authentic data sets, and model the selection of locally relevant phenomena.	
PINNED 12:15pm – 1:15pm	L Lunch/Resource Fair - Box Lunch Provided for Participants	TBA
PINNED 1:15pm – 1:30pm	T Transition/Break	TBA
1:30pm – 2:30pm	Breakout Session 3	TBA

1:30pm – 2:30pm	<p>H Introduction to Skills-Based Health Education: Daily Lesson Planning, Mastery, and Assessment <i>Speakers: Amanda Nichols</i></p> <p>Session Description: Maintain healthy behaviors, change unhealthy behaviors, and delay the onset of risky behaviors for all students. Research shows that to reach these goals, health teachers need to specifically teach health skills. Teachers will first have an opportunity to explore the new Colorado Health Standards (effective 2020) and the National Health Standards to better understand the role that health skills play in comprehensive health education. Teachers will then learn how to supplement current unit and lesson plans with explicit health skill instruction. Teachers will leave the training with a foundational knowledge of skills-based Health Education, lesson plans that focus on student skill development, criteria of what student mastery should look like, and performance-based assessments that can be used in their classroom.</p> <p>Participants Will Be Able To:</p> <ul style="list-style-type: none"> • Identify key shifts within the new Colorado Comprehensive Health Education Standards and connection to National Health Education Standards; • Explain the purpose of skills-based health education • Utilize the Health Skills Progression Model to guide learning activities and teacher planning; • Develop lesson plans to teach the introduction, reinforcement, and mastery of health skills.
1:30pm – 2:30pm	<p>H Social Emotional Learning in Schools: Creating a Caring Classroom Environment <i>Speakers: Michelle Malvey</i></p>
1:30pm – 2:30pm	<p>M Accelerate Don't Remediate TBA <i>Speakers: Mary Pittman</i></p> <p>The pandemic led to an abundance of missed learning, the question of how to get kids up to speed is critical. This session will explore the findings from a study that compared traditional remediation and learning acceleration. Analyzing data across 6,000 classrooms over the 2020–21 school year, the study found that students who experienced learning acceleration struggled less and completed more grade-level lessons than those who experienced the more traditional approach of remediation. We will explore: How does learning acceleration differ from remediation?; and, What does learning acceleration mean in practice?</p>
1:30pm – 2:30pm	<p>M Making the Mathematics Standards Work for You <i>Speakers: Raymond Johnson</i></p> <p>It's not uncommon to feel overwhelmed when trying to read and understand the Colorado Academic Standards for Mathematics. In this session, we'll make sense of the organization of the standards and spend time understanding the themes and progressions of learning that help teachers make good decisions about teaching the right content, at the right time, for the right amount of time. We will also explore the Coherence Gap Spreadsheet, a tool for helping teachers understand possible consequences of skipping or not fully covering all the standards.</p>
1:30pm – 2:30pm	<p>P Physical Education Session TBD</p>
1:30pm – 2:30pm	<p>P Teacher and Support Staff Training and Development in Adapted Physical Education TBA <i>Speakers: Danielle Musser</i></p> <p>Participants will learn about the world of adapted physical education. We will be focused on disability awareness and trying a variety of physical activities with adaptations. Participants will be able to expand their knowledge to better support their students, support staff, and general physical education teachers with this session.</p>

1:30pm – 2:30pm	R Introduction to the Colorado Writing Framework <i>Speakers: Olivia Gillespie</i> This introduction to the Colorado Writing Framework begins with a lean toward examining the principles and beliefs around writing, in general, and teaching writing, in particular. Because of the complexity and the unique demands inherent in the teaching of writing, it is important for district leadership, as well as school leaders, to bring to the surface the principles and beliefs that teachers hold. The end result is to identify, and develop, if necessary, shared principles and beliefs that teachers hold regarding the teaching of writing. Why start with principles and beliefs? Principles and beliefs — whether they are conscious or unconscious, articulated or not — influence decisions made in the classroom. It's important for teachers, individually and collectively, to surface those principles and beliefs. This introduction connects these more abstract principles and beliefs to a research base. From there, it offers the elements of a “desired state” of teaching writing: the observable teachers actions and student behaviors that are present when effective writing instruction takes place?	TBA
1:30pm – 2:30pm	R READ Act Assessments <i>Speakers: Anji Gallanos, Claudia Ladd, Tammy Yetter</i> Participants will learn about the requirements for the use of assessments in the READ Act. The session will provide information on the process for the review of assessments for the READ Act Advisory List of Assessments and the timeline for upcoming assessment reviews.	TBA
1:30pm – 2:30pm	R Strategies for Increasing and Improving Academic Writing in grades 6-12 <i>Speakers: Jennifer Gottschalk</i> In this session, participants will explore strategies to increase the output of academic writing and improve the quality of academic writing across all content areas.	
1:30pm – 2:30pm	S Essential Practices for Developing and Improving Education for Multilingual Learners <i>Speakers: Morgan Cox, Lindsay Swanton</i> While the Multilingual Learner (ML) population continues to increase rapidly across Colorado, challenges, as well as opportunities emerge for schools and districts to engage in a continuous improvement process to establish and/or improve upon their Language Instruction Educational Programs (LIEPs) in their districts and schools. In this session, School and District leaders will learn essential practices leaders can implement for developing and improving LIEPs. There will be opportunities to engage with other school and district leaders to support each others' learning as they dig into this complex and worthwhile work to improve academic and linguistic growth and achievement for MLs. Note: Session designed for school and building leaders.	TBA
1:30pm – 2:30pm	C Exploring Connections to the Standards through Local Phenomenon in Chemistry <i>Speakers: Rick Farrer</i>	
1:30pm – 2:30pm	C Introducing the CAS Science: Science Teaching and Learning in 3D <i>Speakers: Megan Caraway, Maya Garcia</i> A repeat of the earlier session. Come learn about the new standards for Science at this interactive session. We will learn how to decode the standards page and engage with connected terms to help educators feel confident integrating the standards into their practice.	
PINNED 2:30pm – 2:45pm	T Transition/Break	TBA
2:45pm – 3:45pm	D District/School Planning and Closing	TBA