



## Inspiring Educators Virtual Conference Shaping the Classrooms of Tomorrow

### Conference Session Details

#### 8:00 – 9:00 a.m. Sessions

##### Creating Body Confident Students

Time: 8:00 – 9:00 a.m.

Strand: Promoting Wellbeing

Presenter: Noalee McDonald-Augustine, Education Consultant

Company: Smoky Hill Education Service Center

The pandemic has had a significant impact on youth mental health, including body dissatisfaction. This issue affects 70% of girls and 40% of boys and contributes to eating disorders, depression, substance abuse and suicidal ideation. Learn practical strategies to create a body confident students.

##### Grief Recovery Method

Time: 9:30 – 10:30 a.m.

Strand: Promoting Wellbeing

Presenter: Lori Blake; Executive Director

Company: Child Advocacy & Parenting Services

Through the Grief Recovery Method and Moral Reconciliation Therapy, CAPS trained specialists are helping parents and children to complete the emotions experienced through at least one of 40 losses in both one-on-one and group programs. The GRM is an evidence-based program, having documented statistically significant improvements in griever's knowledge, attitudes and behaviors related to grief. MRT® is a systematic method designed to promote positive self-image and identity. MRT seeks to reeducate clients socially, morally, and behaviorally to instill appropriate goals, motivation, and values. This is accomplished through systematic self-evaluation and goalsetting activities.

##### DreamBox Math: Beat the COVID Slide With Personalized Math Instruction, Diagnostics, and Support

Time: 8:00 – 9:00 a.m.

Strand: Transforming Learning in the Content Areas

Presenter: Kevin Miller, Senior Account Executive

Company: DreamBox Learning

Teaching is hard, and it's been especially hard this year. DreamBox Math is an online program used by over 100 schools across Kansas for personalized instruction, diagnostics, and, most importantly, to make math fun! According to independent research from Harvard University, students who use DreamBox an hour a week grow an extra half a grade level each year. Come by this interactive session to see how we might fit into your school! If it's something that you think could help, we have special plans for Smoky Hill districts.

## Stop Making Engaging Lessons

Time: 8:00 – 9:00 a.m.

Strand: Transforming Learning in the Content Areas

Presenter: Will Dunn, Mathematics Teacher

Company:

School has become an act of mimicry - the better one memorizes and mimics the more successful a student is in school. And those who mimic poorly, well... This session will discuss the "Building Thinking Classrooms" framework from Dr. Peter Liljedahl of Simon Fraser University. The framework provides a cohesive process by which the teacher develops engagement via the learner, not necessarily via the lesson material. (Okay, okay - it's also advised to create engaging lessons when you can.) The key is not in preaching about an engaged mindset, but by teaching an engaged mindset. This is done by adopting the elements of the framework, which considers the learning space, the actions of the teacher, and the actions of the students.

## The Arc in Mathematics from Arithmetic to Algebra

Time: 8:00 – 9:00 a.m.

Strand: Transforming Learning in the Content Areas

Presenter: Elizabeth Peyser, National Director, Content and Implementation

Company: Curriculum Associates

The foundations of number sense and algebraic thinking developed in K–2 are essential for upper elementary, middle school, and high school mathematics, yet are often misunderstood. We will explore a progression of learning from kindergarten to high school to experience how math skills developed in the early years prepare students for Algebra 1. No matter what grade you teach, you will find something to use with your students to propel them forward, as well as how to incorporate digital manipulatives for e-learning.

## The Value of Industry Partnerships: Creating Award-winning Results with STEM/PBL/WBL!

Time: 8:00 – 9:00 a.m.

Strand: Implementing STEAM

Presenter: Dan Whisler

Company: Trane - Climate Solutions

Presenter: Beloit STEM teachers & students

Company: Beloit School District

Energy and Data Analytics. Separately, they are both multi-billion dollar industries with high-wage, high-demand career opportunities. Together, in an industry partnership with Trane, they are topics that are turning schools into "living learning labs", engaging students and making real-world connections in ways never before possible. Using the latest cutting-edge technology available in business and industry, these projects have challenged our students and provided real-world learning experiences not possible using just a textbook. Aligned with the

vision of “Kansans CAN” and the model for redesigning schools, the BTU Crew™ PBL Energy & Data Analytics program has brought learning to life in classrooms in Beloit USD#273 and earned state and national-level recognition for our teachers and students. In this session you will hear from the administrative team at Beloit along with the industry partners at Trane working with KSDE to help provide more work-based learning experiences and opportunities for students to earn industry-recognized certificates.

## Looking at the Standards for Mathematical Practice Across K-12

Time: 8:00 – 9:00 a.m.

Strand: Empowering Teaching & Learning

Presenter: Brian Bickley

Company: Ohio Department of Education

The 8 Standards for Mathematical Practice identify how students can demonstrate their mathematical thinking. In this session, we will explore the progression of the Standards for Mathematical Practice and identify what they can look like at every grade level from Kindergarten through High School.

## David Brewer's Road to a National School of Character

Time: 8:00 – 9:00 a.m.

Strand: Innovating Ideas in Education

Presenter: Craig Idacavage, Principal

Company: David Brewer Elementary School

Presenter: Lesely Morey, School Counselor

Company: David Brewer Elementary School

David Brewer Elementary School is a 2019 National School of Character! Join us as we share our journey! We'll provide tips and ideas that will help you to develop a school-wide culture of kindness, compassion, and perseverance between students, staff, families and community.

## Competency-Based Learning: Where do we start?

Time: 8:00 – 9:00 a.m.

Strand: Innovating Ideas in Education

Presenter: John Girodat, Education Consultant

Company: Smoky Hill Education Service Center

During this session we define Competency-Based Learning, understand the benefits of moving to a CBL model, plan how to communicate the change to CBL to stakeholders, and discuss the necessary steps to lead the CBL change.

## 9:30 – 10:30 a.m. Sessions

### Growth Mindset and the Learning Cycle

Time: 9:30 – 10:30 a.m.

Strand: Promoting Wellbeing

Presenter: Melissa Fast, Education Consultant

Company: Smoky Hill Education Service Center

In this session we will explore the research behind learning and how we can use this understanding to inform our instructional practices. Connections will be made to research behind mathematical mindset.

### Title IX Regulations: What Every K-12 School Needs to Know

Time: 9:30 – 10:30 a.m.

Strand: Promoting Wellbeing

Presenter: Derek Ingalls; Education & Prevention Specialist

Company: Jana's Campaign

Presenter: Dr. Christie Brungardt. Jana's Campaign Board Member and Key Volunteer

Company: Jana's Campaign

"New Title IX regulations require K-12 school districts to have well-trained sexual misconduct staff as of August 14, 2020. Do you know who your Title IX Coordinator is? Does your school district have trained sexual misconduct investigators and decision-makers?"

This session will include a brief overview of the history of Title IX, the most recent updates to the regulations for K-12 schools, review of mandatory roles and duties of a Title IX Coordinator and investigators, and a practical walk through the processes you need to know to conduct sexual misconduct investigations as well as keeping proper documentation of reports, records, and data."

### The Why, The What, and The How of the Mathematics building blocks?

Time: 9:30 – 10:30 a.m.

Strand: Transforming Learning in the Content Areas

Presenter: April Pforts, State Supervisor of Mathematics

Company: Iowa Department of Education

This session will prioritize the high leverage resources mathematics educators should use and why if they want to lead in standards, instructional practices and alignment.

### Statistics and probability: More Than Just the Last Chapter of Your Textbook

Time: 9:30 – 10:30 a.m.

Strand: Transforming Learning in the Content Areas

Presenter: Sarah Andaverde, Instructional Coach

Company: USD 204 - Bonner Springs/Edwardsville Unified School District

Explore data science and its integration into middle school math classrooms. Learn how to conduct data chats to increase students understanding of statistics and probability.

## Constructing a Blueprint for STEM Education

Time: 9:30 – 10:30 a.m.

Strand: Empowering Teaching & Learning

Presenter: Dr. Shakiyya Bland, District Curriculum Coach, Albert Einstein Distinguished Educator Fellow

Company: USD 497 & U.S. Department of Energy - U.S. House of Representatives

"What is your strategic plan for designing equitable and accessible STEM curricula? Come prepared to participate in drafting your plan based on key principles of cultivating identity and share in a dialogical experience with transformative leaders who are dedicated to prioritizing professional development for themselves and within their communities. Leaders excel at actively monitoring educational policy and practices to acquire knowledge simultaneously remaining ready to pivot at a moment's notice.

Dr. Martin Luther King, Jr. posed an essential question to a group of students attending Barratt Junior High in Philadelphia. "What is your life's blueprint?" Education, like professional development opportunities, must address students', families', and educators' current needs while preparing communities for the next wave of innovation and educational policy. We will listen and respond to Dr. King's call to action as we examine his three key components of a blueprint built on a foundation of intergenerational interdependence and solidarity. Our blueprint will address three goals: Improving instructional practice and effectiveness in the classroom. Improving knowledge and use of STEM education resources for the classroom. Developing innovative instructional methodologies with local and global communities that require knowledge of students' and communities' identities, purpose, and culture. Leaders have to develop a strategy focusing on specific values and actions to enhance overall team performance and ensure the safety and well-being of every student's STEM identity, agency, and social-cultural wealth. I will also address how the Albert Einstein Distinguished Educator Fellowship supported the development of my blueprint for STEM education and policy. "

## Experience the FutureMaker Mobile Learning Lab

Time: 2:00 – 3:00 p.m.

Strand: Implementing STEAM

Presenter: Shea Zuckerman, Director, Career and Tech Ed STEM Lab

Company: WSU Tech

In this session join our team for a virtual tour of the FutureMaker Mobile Learning Lab. We will introduce the program and how we offer our service to middle/high school and GED students across the state of Kansas. Join us for a live demonstration of virtual reality career demonstrations and some Q&A on how to schedule this engaging onsite program for your students!

## Our Language Matters

Time: 9:30 – 10:30 a.m.

Strand: Empowering Teaching & Learning

Presenter: Noalee McDonald-Augustine, Education Consultant

Company: Smoky Hill Education Service Center

This session will help participants understand language habits and patterns and how often our patterns don't match our best intentions. Participants will learn about how we can shift our language to more effectively work with students, parents, and colleagues and build SECD environments.

## Developing a High-Quality Data Science Course for High School

Time: 9:30 – 10:30 a.m.

Strand: Innovating Ideas in Education

Presenter: Josh Recio, Course Program Specialist

Company: Charles A. Dana Center

Through the Launch Years initiative, the Dana Center is partnering with Washington, Texas, and Georgia to modernize high school mathematics. One aspect of the work is the development of a framework for a high school Data Science course, which consists of design principles and learning outcomes that include specific attention to social, emotional, and academic development (SEAD). In this session, we will take a close look at the framework, and consider how a course based on the framework could be implemented in any high school.

## Esports in Education -- It's Coming, Are You Ready?

Time: 9:30 – 10:30 a.m.

Strand: Innovating Ideas in Education

Presenter: Dr. Kristy Custer, Principal

Company: Complete High School Maize

Presenter: Michael Russell, Teacher

Company: Complete High School Maize

Esports has exploded in high schools and colleges around the world. Improvements in engagement and attendance resulting in decreases in chronic absenteeism and behavior issues are just some of the reasons why schools are adding esports to their educational tool belts. In this session, participants will learn how Complete High School Maize turned a teacher's passion project into an esports program complete with after school esports team, for-credit esports class, and the addition of a gaming lab. Participants will also receive a free electronic version of the complete esports curriculum written by the presenters Gaming Concepts that has been viewed over 200,000 times on the Microsoft Educator Community.

## Making a Makerspace to Propel Project-based Learning

Time: 9:30 – 10:30 a.m.

Strand: Innovating Ideas in Education

Presenter: Dr. Luke Henke, Mathematics Teacher, PAEMST Finalist

Company: USD 493

Ever wondered what it takes to get a Makerspace going or even what a Makerspace is? Join us for a walkthrough of how to grow the Maker ideology through funding, collaboration, student involvement, community engagement. Following an "If you build it, they will come" philosophy, we'll discuss how a Makerspace supports the shift towards project-based learning across curriculum.

## Finding Joy Through a Pandemic

Time: 9:30 – 10:30 a.m.

Strand: Innovating Ideas in Education

Presenter: Sheila Meggers

Company: Renwick USD 267

Presenter: Tia Jones

Company: Renwick USD 267

A teacher and principal from Garden Plain Elementary school will highlight multiple projects completed this school year, even through a pandemic. An emphasis on leadership skills, service learning, and student autonomy is the foundation of the Garden Plain Elementary 6<sup>th</sup>–8<sup>th</sup> grade STEAM classes. The student projects that will be discussed were 100% student-driven, focusing on finding joy and giving joy to others. This session will have student guests sharing their experiences of “Finding Joy” and the leadership skills they gained from these projects. The ideas and concepts shared can be adapted for any grade level, subject area or club and can be incorporated with onsite, hybrid or remote learning. Join us for an exciting look into the joy that was discovered by students through the global pandemic!

## **11:00 a.m. – 12:00 p.m. Sessions**

### **JUUL, Vape, and E-Cigarettes: Unifying the Tobacco Prevention Approach**

Time: 11:00 a.m. – 12:00 p.m.

Strand: Promoting Wellbeing

Presenter: Jordan Roberts, Youth Prevention Program Manager & Resist Coordinator

Company: Kansas Department of Health and Environment

JUUL, vape and e-cigarettes have continued to be a serious problem for schools and their students across the United States. Targeting our youth, these products can and do have a life threatening consequence for many users. Join Jordan Roberts to find out what you and your school can do to educate young people about the realities and health risks of vaping, Juuling and using electronic tobacco products. Roberts will also explain the startup process of beginning a Resist chapter within your school. These student lead, tobacco prevention groups, have proven to be an effective way to help combat tobacco usage in schools throughout the state of Kansas.

### **Trauma, Toxic Stress and Caregiver-Well-Being: Practices for Fostering Resilience**

Time: 11:00 a.m. – 12:00 p.m.

Strand: Promoting Wellbeing

Presenter: Dr. Jane Groff, Executive Director

Company: Kansas Parent Information Resource Center (KPIRC) and Families Together, Inc.

Presenter: Lesli Girard, Co-Executive Director

Company: Kansas Parent Information Resource Center (KPIRC) and Families Together, Inc.

Children/youth who have been impacted by one or more Adverse Childhood Experiences (ACEs) are at risk for poorer physical, cognitive, and mental health outcomes. Caregivers (education professionals, community professionals, and families) play a critical role in the academic, behavioral, social and emotional development of children/youth. This workshop is intended to provide caregivers with information on the impact of ACEs and current practices that promote resilience such as Positive Childhood Experiences (PCEs).

### **Engaging Students FTF & in Remote Learning Situations: Introduction to Hands-On Anatomy using the TORZIKENTM and OSTIKENTM Disarticulated Skeleton Set**

Time: 11:00 a.m. – 12:00 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Dan Whisler, Science Education Consultant & Trainer

Company: ESSDACK & Anatomy in Clay

Looking for a way to engage students in hands-on learning in both a FTF traditional classroom setting and in remote, distance-learning situations? If so, then this session is for YOU! This presentation offers teachers an introduction to a visual and kinesthetic method to improve learning of human anatomy using TORZIKENTM and OstikenTM models and clay. Here's your chance to hear from ESSDACK trainers who are helping to guide and develop this program and, more importantly, from two teachers who received funding after attending the one-day workshop and are now implementing this program 1-1 with their students.



## Why Is That True? How Does It Work? Finding Multiple Answers for Mathematical Classroom Situations

Time: 11:00 a.m. – 12:00 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Dr. Connie Schrock, "Graduate faculty in the Department of Mathematics, Past NCSM President

Company: Emporia State University

What are the common mathematics classroom questions asked by your students as they learn? Are you ready to explain why? Why can't we divide by zero? What do you know about the data when you only have the box plot? When can you circumscribe a polygon? Why is a negative times a negative a positive? Why do you invert and multiply? And how often do we ask students why and what do they learn. Help students explore to find their own understandings using multiple methods.

## Coding with Drones: The Mars Helicopter

Time: 11:00 a.m. – 12:00 p.m.

Strand: Implementing STEAM

Presenter: Kellie Arenz, STEM Teacher

Company: Park View Middle School, Mukwonago, WI

Presenter: Ronda McCarthy, STEM Teacher

Company: St. Theresa Catholic School, DesMoines, IA

This session will introduce the Mars Helicopter that is traveling on the Mars 2020 Rover and landing on Mars in February. Codable drones will be used much like the helicopter flying on Mars in the year 2021. Attendees will learn how to incorporate codable drones and challenges into middle school classrooms.

## An Introduction to the Lexile & Quantile Hub

Time: 11:00 a.m. – 12:00 p.m.

Strand: Empowering Teaching & Learning

Presenter: Matt Copeland, Educational Facilitator

Company: MetaMetrics

Presenter: Jane Scott, Educational Facilitator

Company: MetaMetrics

This presentation offers both a quick tour and some hands on time to explore the new Lexile & Quantile Hub, a one stop shop for Lexile and Quantile tools for students, parents, and educators. This session addresses the following topics:

- Accessing the Hub
- Creating and managing your account
- Support, Quick Start Guides, and video tutorials
- An overview of the individual Lexile and Quantile tools

## Powerful Feedback

Time: 11:00 a.m. – 12:00 p.m.

Strand: Empowering Teaching & Learning

Presenter: John Girodat, Education Consultant

Company: Smoky Hill Education Service Center

Powerful feedback leads to powerful learning. This session will focus on how to give fair, accurate, specific and timely feedback to students to improve learning.

## Multidimensional Approach to Learning Mathematics

Time: 11:00 a.m. – 12:00 p.m.

Strand: Innovating Ideas in Education

Presenter: Melissa Fast, Education Consultant

Company: Smoky Hill Education Service Center

In this session, participants will delve into the impact of productive struggle, making mistakes, and the emotional connections that impact students' learning. Participants will gain an understanding of the benefits of a multidimensional approach to learning mathematics and how to implement this into their daily classroom practices to expand student learning. Four key approaches will be explored.

## Teaching Content, STEM Skills, and the Engineering Design Process through 3D Printing and Robotics

Time: 11:00 a.m. – 12:00 p.m.

Strand: Innovating Ideas in Education

Presenter: Beverly Owens, Science Teacher

Company: Cleveland Early College High School, Shelby, NC

Curious about 3D printing? Interested in using robotics, but it just doesn't fit into your curriculum? Learn about different ways that robotics and 3D printing can be used to enhance your educational standards, as well as supporting and developing STEM skills. Discuss the engineering design process, and see how design principles can be integrated into instruction regardless of whether your school has direct access to 3D printing and robotics materials. Learn how 3D printers work, and about the different types of filaments that can be used to produce prints. Teachers will take away several resources and ideas to help their students get started using the innovative technologies of 3D printing and robotics, regardless of whether their classroom is face-to-face, hybrid, or fully remote.

## Kick It Up a Notch!

Time: 11:00 a.m. – 12:00 p.m.

Strand: Empowering Teaching & Learning

Presenter: Sarah Stevens, Mathematics Teacher

Company: Irving ISD, Irving Texas

Use Classkick to make hybrid instruction feel like the classroom. Differentiation, accommodations, ESL needs, check for understanding... Yes! You can do it!!

## 12:30 – 1:30 p.m. Sessions

### Self-Care for Educational Leaders

Time: 12:30 – 1:30 p.m.

Strand: Promoting Wellbeing

Presenter: John Girodat, Education Consultant

Company: Smoky Hill Education Service Center

In order to be successful educators it is essential to take care of your own mental and physical health. This session will focus on how we are spending our day, and how we can incorporate strategies to ensure we are mentally and physically ready for the work ahead of us.

### A Practical Introduction to Giving Student Voice to Science

Time: 12:30 – 1:30 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Robert Hamilton, Science Teacher

Company: Riley County High School USD 378

Presenter: Sarah Evans, Science Teacher

Company: Olathe South High School USD 233

Presenter: Stephanie Alderman-Oler, Science Teacher

Company: Eisenhower Middle School USD 500

Teachers are invited to engage in practices which support storyline development in the Middle and High School science classroom. This resource rich session will provide practical instruction for creating Digital & in-person Driving Question Boards, methods for structuring student understanding of science in the digital age, and open the door to a world of storyline resources available for teachers to use for free this week, month, year, and beyond.

### The Pursuit of Fluency

Time: 12:30 – 1:30 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Dr. Sherri Martinie, Associate Professor, College of Education

Company: Kansas State University

What do students really need to know to fluently work with multi-digit decimal numbers? This session will focus on supporting students to become decision makers, relying on their own thinking, rather than on memorizing facts and procedures. Fluency has been over-simplified and as a result under-taught. This is truly the case with decimal numbers. Students' number sense with decimals is directly related to their understanding of place value and fractions. Learning to compute with decimals is not new, so what is? Join this session to find out.

## Integrating STEAM Into the Classroom with NASA Resources

Time: 12:30 – 1:30 p.m.

Strand: Implementing STEAM

Presenter: Steven Smith, NASA STEM Education Specialist

Company: Johnson Space Center

With the additional challenges facing teachers in these trying times of having to create and implement online or hybrid content for students, we can all use all the help we can get. In this NASA led session, Education Specialist Steven Smith will facilitate a walkthrough of many of the free NASA resources that you can use to engage your students in STEAM content that aligns with national science standards while delivering your standards in a very non-standard way.

## Problem-Solving and Engineering Design Process with STEM Stations

Time: 12:30 – 1:30 p.m.

Strand: Implementing STEAM

Presenter: Anna Befort, Science/STEM Teacher

Company: USD 393 Solomon School District

Presenter: Pam Kraus, Education Consultant

Company: Smoky Hill Education Service Center

Learn how to put together a variety of STEM stations that promote problem-solving and use of the engineering and design process. Use simple, everyday materials to develop engaging, thought-provoking, challenging, FUN activities that can be used as stations in your classroom. This practical session will provide the knowledge needed to implement STEM stations as a learning strategy in upper elementary, middle school and high school classes.

## How to Teach so Students Remember

Time: 12:30 – 1:30 p.m.

Strand: Empowering Teaching & Learning

Presenter: Bonnie Austin, Education Consultant

Company: Collaborative Math & More

Memory is an essential partner to learning. It makes little sense to teach students something new if they can't recall it later. Yet, this is the situation faced daily in our education system. This session will explore the "Seven Steps of the Memory Cycle" by exploring the work of Marilee Sprenger. We will investigate how to use these steps in our teaching to empower the brain to learn and remember.

## Personalized Learning in Mathematics

Time: 12:30 – 1:30 p.m.

Strand: Empowering Teaching & Learning

Presenter: Melissa Fast, Education Consultant

Company: Smoky Hill Education Service Center

Understand what it means to personalize the learning of mathematics. Understand how personalized learning connected to the standards for mathematical practice as well as the effective mathematics teaching practices.

Explore limitations that exist as well as classroom strategies that can be implemented in your mathematics classroom.

## Supporting the Transition to College Mathematics

Time: 12:30 – 1:30 p.m.

Strand: Empowering Teaching & Learning

Presenter: Susan May, Interim Manager of Online Course Programs

Company: Charles A. Dana Center

How well is your school supporting students who are not yet college ready in mathematics in their senior year of high school? Senior level mathematics courses provide a time to help transition students from high school to college mathematics so that students can begin college taking a credit-bearing college mathematics course. The emerging trend in college mathematics is toward multiple mathematics pathways that are better aligned to students' career paths, including College Algebra, Statistics, and Quantitative Reasoning. Additionally, research indicates that academic skills are not sufficient to prepare students for college. How well do your senior-level mathematics course offerings mirror these trends and research? How do you attend to social and emotional learning during remote learning? Come explore a course framework that supports multiple pathways to college mathematics for students and also addresses crucial non-academic knowledge and skills and strategies to create a sense of community.

## Teambuilding in the Virtual Classroom

Time: 12:30 – 1:30 p.m.

Strand: Innovating Topics in Education

Presenter: Noalee McDonald-Augustine, Education Consultant

Company: Smoky Hill Education Service Center

As we work towards emphasizing relationships in this different learning environment it can be a challenge. How do we have students work as a team when they aren't physically next to each other? And problem solving, what does that look like when most of us have a shorter attention span because we are not used to screen engagement for such long periods? You can't take your students to the ropes course, but this session will give you some ideas on how to build relationships, teambuilding and problem solving virtually. This will be active session with the participants working together in small groups as well as a large group.

## 2:00 – 3:00 p.m. Sessions

### In Our Hallways: Teen Dating Violence

Time: 2:00 – 3:00 p.m.

Strand: Promoting Wellbeing

Presenter: Kaiti Dinges, Executive Director

Company: Jana's Campaign

Presenter: Derek Ingalls, Education & Prevention Specialist

Company: Jana's Campaign

In this session, presenters will provide background on teen dating violence, briefly discuss the obligations K-12 schools have to address these issues, and describe how schools and communities can better help teens recognize unhealthy relationship behaviors and promote healthy relationship behaviors. One in three adolescents will be the victim of physical, sexual, emotional or verbal abuse, or stalking from a dating partner. Teen dating violence is a preventable public health problem which requires a comprehensive strategy to stop it before it starts.

Jana's Campaign's teen dating violence prevention model utilizes a comprehensive and coordinated approach to build a culture of respectful relationship behaviors. Our program provides secondary schools and community organizations with strategies designed to prevent teen dating violence through a three-pronged approach: self (increased self-reflection and awareness), peers (recognizing relationship "red flags"), and community (social change). Each of the curricular, co-curricular and athletic programming options we provide are evidence-based approaches to teen dating violence prevention. Presenters will also review assessment data from the past two years from participating Kansas schools. Participants in this session will leave with innovative ideas about preventing teen dating violence in their schools and communities.

### Movement in the Classroom

Time: 2:00 – 3:00 p.m.

Strand: Promoting Wellbeing

Presenter: Noalee McDonald-Augustine, Education Consultant

Company: Smoky Hill Education Service Center

The best exercise for the brain is exercise. Simply standing gives 10-15% more oxygen to the brain. Movement (physical activity) needs to be a must throughout the school day. Active classrooms and schools decrease behavior issues, fosters student engagement and focus, builds social-emotional skill development, and increases staff job satisfaction. Participants will get the opportunity to actively engage in strategies for increasing movement/physical activity in their classrooms.

### Number Sense

Time: 2:00 – 3:00 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Sarah Andaverde, Instructional Coach

Company: USD 204 - Bonner Springs/Edwardsville Unified School District

Middle school is not too late to help students build number sense. Explore ways to increase number sense for secondary students through hands-on tasks and number talks.

## Transforming Science Education

Time: 2:00 – 3:00 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Matt Krehbiel, Outreach Director

Company: OpenSciEd

OpenSciEd is determined to get high quality science instructional materials designed for the NGSS and transformative professional learning to all science teachers. Our materials are designed to not only reach the aspirational learning goals of the NGSS, but to do so in a way that builds on and values student knowledge and experiences. By giving students voice and agency, they are drawn into and take ownership of their learning, transforming science classrooms. This session will dive into what makes our free and publicly available materials unique and guide participants to resources they can use in their classrooms.

## Using Length Arrays for Multiplication and Division

Time: 2:00 – 3:00 p.m.

Strand: Transforming Learning in the Content Areas

Presenter: Dr. Karl Kosko, Associate Professor of Mathematics Education

Company: Kent State University

This session is designed for teachers in upper elementary grades (particularly 3-5) focusing on multiplication and division. During this session, participants will be introduced to a hybrid representation between arrays and length models that helps students develop a more conceptual understanding of multiplication and division. The presenter will share activities and resources that can be used face-to-face or through virtual instruction (Google Slide templates & printable resources will be shared).

## Future Workforce in Industry 4.0: What skills should we be emphasizing for students now?

Time: 2:00 – 3:00 p.m.

Strand: Implementing STEAM

Presenter: Chris Wyant, Program Director of Robotics and Industrial Automation and Maintenance

Company: WSU Tech

In this session, you will be exposed to what is Industry 4.0 and what are the applicable skills students should be exposed to before they leave high school. A showcase of opportunities with dual credit courses from WSU Tech will also take place showcasing how classrooms can partner with WSU Tech for innovative curriculum and college credit opportunities for students.

## Facilitating Meaningful Mathematical Discourse

Time: 2:00 – 3:00 p.m.

Strand: Empowering Teaching & Learning

Presenter: Dr. Julie Thiele, Assistant Professor

Company: Wichita State University

We will explore how to effectively implement and embed discourse routines in your daily teaching practices to support your student's ability and confidence to tackle real-world applications of mathematics. Engaging in meaningful discourse while learning mathematical concepts encourages the learner to analyze and interpret everyday mathematical situations, to persevere and to solve problems. We will also discuss how these routines could be done virtually.

## UnApologetically Diverse

Time: 2:00 – 3:00 p.m.

Strand: Empowering Teaching & Learning

Presenter: Magan Harrell, High School Social Studies Teacher

Company: USD 204 - Bonner Springs/Edwardsville Unified School District

This session will focus on the following: Creating an environment that is reflective of your students; the power of the books you choose, how to include individual heritage months throughout the school year, creating music playlists that represent student interests and promote music diversity, incorporating diversity in your daily schedule, and using technology to promote diversity in your classroom and school.

## PBL Essential Elements

Time: 2:00 – 3:00 p.m.

Strand: Innovating Topics in Education

Presenter: John Girodat, Education Consultant

Company: Smoky Hill Education Service Center

This session focuses on the 7 essential elements of Project-Based Learning and how you might incorporate pieces PBL into your current practices. If you are wondering what PBL is all about, or how to get started, even on a small scale, this is the session for you.

## Creating and Sustaining a Mindset Culture in the Math Classroom

Time: 2:00 – 3:00 p.m.

Strand: Innovating Topics in Education

Presenter: Jolene Goodheart Peterson, Secondary Math Instructional Specialist

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While alternate learning environments have created unprecedented challenges in education, they have also opened doors to new opportunities. In this session, we will examine how to cultivate and sustain a mindset culture in all learning environments (remote, hybrid, and onsite) with explicit connections and open tasks. This idea may have filled a need during the pandemic, but its success proved it essential for future classrooms.