

METC 2016 Poster Sessions

All will be located in the exhibit hall.

Tuesday, February 8, 1:50-3:10 pm

The Chromebook Classroom, Samantha Anderson & Katie Zeller	Unlocking Student Creativity with Google Draw, Amy Blades	Chromebook Transition: Project Based Learning in HS Science & Math, Kristine Miller, Kristen Bright & Stephanie Thayer	Flipping Out: Turning the Traditional Elementary Classroom Upside Down, Jane Dunn	Digital Volunteers - Raise the Bar, Tracey Kracht	Providing Quality Feedback with OneNote, Mary Beth Kreml	Elevating Student-Created Portfolios through the use of Google Sites, Sara Levine & Lisa McKenna	Take Your PD Online, Klista Rader	Engaged Learners: Digital Portfolio Ideas that Work!, Jill Watkins
The Basics are Never Enough for Innovative Educators, Rachel Ford	Authentic Accountability Using Simple Tech. Tools, Riina Hirsch	Parenting: My Kid is Smarter Than Me!, Katrina Keene	Future Ready Missouri, Andy King	Drop in to Online PD & Ramp up the Rigor, Wendy Lentz & Troy Lentz	Personalizing Student Learning with OneNote Class Notebook, Lindy Hockenbary & Sarah Hanawald	Engineering Strategy Board Games in the Classroom, Kathleen Mercury	I can QR that?!, Lisa Weiskopf & Tina Sohn	

Wednesday, February 9, 9:15-10:40 am

It's All About the Data: Data Breach Risk Intelligence, Jason Rincker	Researching with Google Tools, Heather DeLaurent & Katie Dwiggins	Level Up - PD using Digital Badges, Michelle Dirksen	Tech Tools to Support Independent Reading, Tori Grable	Elevate Your Students with Newspapers in Education, Free (or Close)!, Helen Headrick	The Building Blocks of Robotics in the Elementary School, Mary Meadows & Abby Nagel	IGNITE: Technology & EnGAGEMENT, Tammy Novak	Tools for Your 1 to 1 Toolbox 2.0, Courtney Stenhorn & Holly Pashia
Facilitating Learning in a Makerspace, Melissa Englert & Melissa Young	PLaNning Ahead: Building a Personal Learning Network that Works for You, Jennifer Gosnell & Shannon Steimel, BYOD	Exploring EdPuzzle, OpenEd, and Blendspace to Flip or Enhance Your Classroom, Stephanie Kuper	Share Your Knowledge: Educators Make Your Learning Visible, Michelle Nebel & Tony Harman	Engaging Algebra 1 & 2 Students Using Projects, Differentiated activities & Mathematical Modeling, Sheila Hobson	The Endless Classroom: Connecting School to Home with Social Media, Mark Merz	iPad vs. Chromebook Smack Down for Math, Mandi Tolen	

Poster sessions will run concurrently with scheduled MakerSpace activities which are also located in the exhibit hall.

Digital Tools & Creation	Innovative Instruction	Leadership
Library & Media Literacy	Technical Infrastructure & Support	



METC 2016 Poster Session Information

Tuesday, February 9, 1:50 - 3:10 pm
Poster Sessions, Held in Exhibit Hall

Take Your PD Online

Speakers: Klista Rader, technology integration specialist, Sarcoxie R2 /
21 Vision Education

Audience: All

Tech Level: Intermediate

Strand: Leadership

Room: Exhibit Hall

Standards: T 1, 3, 5 A 1-3 C 1, 4, 6

Online learning isn't just for students! Learn tips and strategies to take your professional development into the online world, making learning more relevant, convenient and personalized. Discover tools and tips that will make online PD an experience to benefit teachers and students through both modeling and learning.

The Chromebook Classroom

Speakers: Samantha Anderson, teacher, Schofield Elementary, Republic, Missouri; Katie Zeller, teacher, Price Elementary, Republic, Missouri

Audience: Early Childhood-8

Tech Level: Beginner

Strand: Digital Tools & Creation

Room: Exhibit Hall

Standards: S 2, 5, 6 T 1-5 A 2 C 2, 3, 6

Teachers and coaches, gain resources on how to implement and manage the Chromebook. Tips and ideas include organizational roll-out, management tips, daily use and cross curricular tools-including Google Apps for Education. Whether you are 1:1, 2:1 or just have a teacher device, you will leave with ideas to utilize Chromebooks and devices alike.

The Basics are Never Enough for Innovative Educators

Speakers: Rachel Ford, teacher, Evans Junior High, Bloomington, Illinois

Audience: K-12

Tech Level: Beginner, Intermediate

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-4 T 1-3, 5 A 1, 3 C 1, 2

How do you create a classroom environment that connects learning to active real world situations? Expand the classroom walls! Hear how to create a world inside your classroom where academics meet passion, students participate in daily, weekly and annual units graded on a Standard Based Level and encompass song, rap, dance, rigor, community outreach and professionalism.

Unlocking Student Creativity with Google Draw

Speakers: Amy Blades, instructional specialist, eMINTS National Center, Republic, Missouri

Audience: All

Tech Level: Beginner, Intermediate

Strand: Digital Tools & Creation

Room: Exhibit Hall

Standards: S 1, 2, 4, 5 T 1, 2, 4 A 2, 5 C 2, 3, 5

Are you looking for ways students can unlock their creativity and demonstrate their understanding? During this session, we create and explore examples of digital stories, graphic organizers and more right from Google Drive using Draw. By combining visual and digital literacy elements, Google Draw can be used to enhance student creativity, foster collaboration and give opportunities to demonstrate their understanding at a deeper level. Leave with the confidence to use Draw as you elevate creativity in your classroom.

Authentic Accountability Using Simple Tech. Tools

Speakers: Riina Hirsch, teacher, Ritenour School District, St. Louis, Missouri

Audience: 6-12

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1, 2, 4, 6 T 1-3 A 2-4 C 2, 3, 5

This session will focus on mechanisms to promote authentic accountability integrated into the classroom. Three ways will be discussed: audio recording, Padlet and Google Docs. The tools covered allow you to help students self-monitor, publish work to a closed audience, and increase collaboration among students and between students and teachers.

Chromebook Transition: Project Based Learning in HS Science & Math

Speakers: Kristine Miller, math teacher; Kristen Bright, science teacher; Stephanie Thayer, science teacher; Windsor C-1 School District, Imperial, Missouri

Audience: 9-12

Tech Level: Beginner, Intermediate

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-4, 6 T 1-3

Beginning Fall 2015, Google Apps for Education (GAFE) has immersed students in a team approach to observing, problem solving, calculating, analyzing and presenting in science and math classes at Windsor High School. Learn how teachers

transitioned Project Based Learning, such as the Paper Roller Coaster and Rube Goldberg Projects, from traditional practices to Chromebooks and GAFE tools.

IParenting: My Kid is Smarter Than Me!

Speakers: Katrina Keene, director of innovation & instructional technology, Canterbury School Ft. Myers, Christian Heritage School

Audience: All

Tech Level: Beginner

Strand: Leadership

Room: Exhibit Hall

Standards: S 1, 2, 5, 6 T 1, 2, 4, 5 A 1-5 C 1-6

Are parents asking YOU how to parent? Do you find yourself stumbling for answers as we are all learning how to teach and breathe in a digital world? Join this session, walk through the generations to 2016 and learn not only how to communicate with parents of digital children but how to bring parents up to speed on how students of today learn. Leave with a digital parenting "toolbox" full of apps and ideas!

Flipping Out: Turning the Traditional Elementary Classroom Upside Down

Speakers: Jane Dunn, 2nd grade teacher, City of St. Charles School District, St. Charles, Missouri

Audience: K-5

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1, 2 T 1, 2, 4 C 2, 3

Have you ever felt that there is not enough time to teach your lessons and meet with all of your students individually or in small groups? Learn how flipping the classroom at the elementary level will allow you to make the most of your instructional time, increase student engagement and improve parent-teacher communication.

Future Ready Missouri

Speakers: Andy King, technical trainer, MOREnet, Columbia, Missouri

Audience: Early Childhood-12

Tech Level: All

Strand: Leadership

Room: Exhibit Hall

Standards: T 2, 5 A 1, 2, 4 C 1-6

Future Ready is a US Department of Education initiative to help schools prepare students for college and careers. Get an introduction to the Future Ready framework for administrators and other school leaders. The Future Ready dashboard and assessments available to school districts will also be explored.

Digital Volunteers - Raise the Bar

Speakers: Tracey Kracht, K-12 instructional technology coordinator, Liberty Public Schools, Liberty, Missouri

Audience: All

Tech Level: All

Strand: Innovative Instruction
Room: Exhibit Hall
Standards: S 2, 5 T 3, 4 A 2 C 2

How can you engage today's learner? Digital Volunteers create meaningful learning experiences for students, make lasting connections as an authentic audience, help students expand their voice and create a community of learning that goes deeper than a one-day on-location event. See examples and brainstorm ideas to help get started creating a Digital Volunteer program for your class or school!

Drop in to Online PD & Ramp up the Rigor

Speakers: Wendy Lentz, library media specialist, Columbia Public Schools, Columbia, Missouri; Troy Lentz, principal, Harrisburg R-VIII School District, Columbia, Missouri

Audience: All
Tech Level: Intermediate, Advanced
Strand: Leadership
Room: Exhibit Hall
Standards: A 2, 3

The presenters will share personal experiences in facilitating online professional development opportunities. Benefits and obstacles for online PD will be discussed and attendees will complete a brief model PD session. Hear the presenters' vision of modeling technology integration and personalized instruction for teachers with success.

Providing Quality Feedback with OneNote

Speakers: Mary Beth Kreml, educational technology consultant, Educational Collaborators, Spring, Texas

Audience: All
Tech Level: Intermediate, Advanced
Strand: Innovative Instruction
Room: Exhibit Hall
Standards: S 4 T 1-3 A 2, 4 C 2, 3

Learn how to utilize built-in features within OneNote to easily guide students through assignments, scaffold learning opportunities and provide quality feedback to immediately enhance the level of understanding and clarify misconceptions. Use Inking and draw features, as well as audio and video to script fluidly over any existing file, or to simply say what you mean.

Elevating Student-Created Portfolios through the use of Google Sites

Speakers: Sara Levine, 3rd grade teacher; Lisa McKenna, 3rd grade teacher; MICDS (Mary Institute and St. Louis Country Day School), St. Louis, Missouri

Audience: K-8
Tech Level: All
Strand: Innovative Instruction
Room: Exhibit Hall
Standards: S 1, 2, 5, 6 T 2, 4

Do you have an overflowing folder of papers for each student at the end of the year? Compiling student work and reflections on an easy to manage website provides quick access to information about that student. Following the evolution of the student-created portfolios, third graders educate their parents and teachers on their personal growth through the use of Google Sites.

Engineering Strategy Board Games in the Classroom

Speakers: Kathleen Mercury, gifted teacher, Ladue School District, St. Louis, Missouri

Audience: 6-Post Secondary

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1, 2, 4 T 1-3, 5 C 2, 3

Design thinking and STEAM come together when students create board games. Turn your students from consumers to creators. Enhance student creativity, analytical thinking, collaboration and technical writing skills in an interdisciplinary, concrete unit. Develop your students' technological thinking using hands-on materials and 21st century collaboration.

I can QR that?!

Speakers: Lisa Weiskopf, instructional technology specialist; Tina Sohn, art teacher; Sullivan School District, Sullivan, Missouri

Audience: All

Tech Level: All

Strand: Digital Tools & Creation

Room: Exhibit Hall

Standards: S 1-4, 6 T 1-5 A 2, 3, 5 C 1-3, 5

QR codes are everywhere! How can you use them to enhance instruction? Engage students? Gather data? Connect to the community? This session will share "QR"-ative ways to make use of those "crazy QR code things"!

Engaged Learners: Digital Portfolio Ideas that Work!

Speakers: Jill Watkins, english instructor, Chillicothe R-II School District, Chillicothe, Missouri

Audience: 6-12

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-6 T 1-5 A 2 C 2, 3

Learn about increasing student engagement and relevance in content through digital portfolios. The session will focus on 12 tools used for student digital portfolio development, integration of digital reflections and self-evaluations, and strategies to increase the effectiveness of the digital portfolio process for instruction and assessment.

Personalizing Student Learning with OneNote Class Notebook

Speakers: Lindy Hockenbary, collaborator, Educational Collaborators, Bozeman, Montana; Sarah Hanawald, senior collaborator, Educational Collaborators, Raleigh, North Carolina

Audience: K-Post Secondary

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-4 T 1-4 C 2, 3

OneNote Class Notebook is an emerging digital tool that supports the evolution of personalized learning. Learn how educators can use one simplified tool to create workbooks that include resources, identified standards, collaboration spaces and individual student sections. Empower students by providing peer support, as well as individual support through sections viewable only by teacher and student. Learn methods and best practices for utilizing OneNote to elevate your classroom.

Wednesday, February 10, 9:15 - 10:40 am Poster Sessions, Held in Exhibit Hall

It's All About the Data: Data Breach Risk Intelligence

Speakers: Jason Rinkler, Sales Director, Stronghold Data

Audience: All

Tech Level: All

Strand: Technical Infrastructure & Support

Room: Exhibit Hall

The Cyber Aware School Audits focus on practices that improve the security of information schools have on their students and families. Reactions to audit recommendations can derail innovation, technology integration and development of best practices. We will discuss routine data security practices, how breach attempts are unrelenting, and why data security is an ongoing process. Our primary focus is location of data collections holding Personal Identifiable Information (PII).

Facilitating Learning in a Makerspace

Speakers: Melissa Englert, WINGS instructor; Melissa Young, technology integration specialist; Chillicothe R-II School District, Chillicothe, Missouri

Audience: K-5

Tech Level: Beginner

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1, 2, 4-6 T 1-4

Makerspaces empower students to take ownership of their learning. Students can work at the highest levels of Bloom's Taxonomy to demonstrate understanding of curriculum standards and to create, evaluate and analyze solutions to problems. Hear how to start by utilizing current classroom resources and technology, then branch out and add new tools! Ideas for funding additional technology devices to add to the Makerspace will also be discussed.

Researching with Google Tools

Speakers: Heather DeLaurent, library media specialist; Katie Dwiggins, computer teacher, Camdenton R-III School District, Camdenton, Missouri

Audience: K-12

Tech Level: Intermediate

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1, 3, 4 T 1, 3 C 2, 3

Want to teach students to write a top-notch research paper? With the help of Google and its multiple research features, your students will soar to the head of the class. See how to effectively search with Google tools to make web browsing experience better. The presenters will also share lesson plans in various content areas that have been created by content teachers.

PLaNning Ahead: Building a Personal Learning Network that Works for You

Speakers: Jennifer Gosnell, educational technology specialist, John Burroughs School, St. Louis, Missouri; Shannon Steimel, library media specialist, Lift for Life Academy, St. Louis, Missouri

Audience: All

Tech Level: All

Strand: Leadership

Room: Exhibit Hall

Standards: T 2-5 A 2, 3, 5 C 3-6

Feel guilty when others talk about their PLNs, because you still haven't taken the time to build one? Feel unsure about what to include in your PLN or whom to follow? Stop worrying and bring your ideas and questions to this session! Bring your laptop or tablet and prepare to beef up your current PLN or create one from scratch. The presenters will demonstrate different tools for PLNs and encourage you to share their best practices. It can't all be accomplished in one session, but you will get a great start!

Level Up - PD using Digital Badges

Speakers: Michelle Dirksen, director of technology, Hancock Place School District, St. Louis, Missouri

Audience: All

Tech Level: All

Strand: Leadership

Room: Exhibit Hall

Standards: T 1-5 A 1-3, 5 C 1-6

Hear how one district provides a framework that allow teachers to earn digital badges through learning about a range of technology tools and applications. The platform has been designed so that its resources help to prepare educators to fully leverage the potential for mastering digital age skills embodied in the ISTE NETs Standards for Teachers, as well as the seamless integration of technology addressed in the Common Core Standards. Leave with step-by-step directions to create your own flipped PD using digital badges.

Tech Tools to Support Independent Reading

Speakers: Tori Grable, literacy facilitator, Smithville R-II School District, Smithville, Missouri

Audience: K-12

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1, 4 T 1 A 2

From finding a just right book to tracking books read to recording one's thinking about reading, there is a multitude of technology tools available to support students as independent readers. Those tools, simple to put into practice, can help engage even a reluctant reader. Leave with a tool box that encourages, fosters and supports students' independent reading.

Share Your Knowledge: Educators Make Your Learning Visible

Speakers: Michelle Nebel, chief innovations officer; Tony Harman, PLTW teacher; Excelsior Springs School District, Excelsior Springs, Missouri

Audience: All

Tech Level: All

Strand: Leadership

Room: Exhibit Hall

Standards: T 3-5 A 1-3, 5 C 1-6

Make learning visible? How? Presenters will share Excelsior Springs School District's journey over the last two years to recognize informal learning, increase teacher ownership and innovate how we demonstrate our learning. It's our goal to provide encouragement and opportunities to push educators past being consumers to producers of information, educating and elevating others by making their learning visible.

Elevate Your Students with Newspapers in Education, Free (or Close)!

Speakers: Helen Headrick, newspapers in education manager, St. Louis Post-Dispatch, St. Louis, Missouri

Audience: K-12

Tech Level: All

Strand: Library & Media Literacy

Room: Exhibit Hall

Standards: S 1-5 T 1-4 A 1, 2, 5 C 2, 3, 5

Celebrate the First Amendment with Newspapers in Education. NIE provides teachers with supplemental teaching materials to make their use of the newspaper in the classroom easy, convenient and effective for their students. The Post-Dispatch creates curriculum based on current events and in partnership with many organizations. Last year the Post-Dispatch provided 8,907,121 FREE ePost editions and delivered 153,356 low cost print editions to students. And we're ready, willing and able to do more!

Engaging Algebra 1 & 2 Students Using Projects, Differentiated Activities & Mathematical Modeling

Speakers: Sheila Hobson, algebra 1 & 2 teacher, The Principia/Independent School, St. Louis, Missouri

Audience: 6-12

Tech Level: Beginner

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-4 T 1, 2

Engage students in project based learning (PBL) activities. PBLs embed 21st Century learning skills such as critical thinking, communication, collaboration and creativity. These projects are practical, meaningful and relevant to our students. See mathematical modeling activities using a graphing calculator and motion detector, bungee jumping with Woody & Jessie, and other linear function activities. Student-centered differentiated activities using tiered learning stations, cubes, tic-tac-toe, bingo and foldable activities will be shared. View videos of students using kinesthetic activities (singing and dancing) as formative assessment.

The Building Blocks of Robotics in the Elementary School

Speakers: Mary Meadows, curriculum and instruction coordinator; Abby Nagel, teacher; Villa Duchesne and Oak Hill School/Independent Schools of St. Louis, St. Louis, Missouri

Audience: K-8

Tech Level: Beginner, Intermediate

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-6 T 1-5 A 1-5 C 1-6

Learn how to integrate robotics into the elementary curriculum with LEGO Education WeDo™ and Mindstorms EV3 robotics kits. Be inspired to use robotics to educate students and watch their curiosity and leadership emerge as they collaborate and problem solve in a team based setting.

The Endless Classroom: Connecting School to Home with Social Media

Speakers: Mark Merz, sr. digital communications manager, McGraw-Hill Education

Audience: K-Post Secondary

Tech Level: Beginner, Intermediate

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 2, 5 T 4 A 2, 5 C 5

Today's educators can tap into the power of social media to provide an informational and communications bridge from school to home. Learn how the right social media strategy can support innovative new teaching models, provide continuous student engagement and facilitate parent and school community involvement during and after school hours.

IGNITE: Technology and EnGAGEment

Speakers: Tammy Novak, digital learning teacher, Raymore-Peculiar School District, Peculiar, Missouri

Audience: Early Childhood-8

Tech Level: All

Strand: Digital Tools & Creation

Room: Exhibit Hall

Standards: S 1, 2, 4, 6 T 1-3 A 1, 2 C 2, 3

Come be motivated and inspired on how to increase engagement in your classroom when using technology. Many resources will be shared to help use technology to its highest potential. Resources include Technology and EnGAGEment Guides, Technology Choice Menus and cross platform digital resources all of which can be found at ignite-resources.weebly.com/.

iPad vs. Chromebook Smack Down for Math

Speakers: Mandi Tolen, math teacher, Center High School, St. Joseph, Missouri

Audience: 6-12

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 1-4, 6 T 1-4 A 2, 5 C 2, 3, 6

iPad lover? Chromebook advocate? Deciding on a device? Check out this session to see examples how both can be used in the Math classroom. Everyone leaves a winner in this Smack Down.

Exploring EdPuzzle, OpenEd & Blendspace to Flip or Enhance Your Classroom

Speakers: Stephanie Kuper, instructional technology specialist, Southeast Regional Professional Development Center, Cape Girardeau, Missouri

Audience: 6-Post Secondary

Tech Level: All

Strand: Innovative Instruction

Room: Exhibit Hall

Standards: S 6 T 1, 3 C 2, 3

EdPuzzle, OpenEd and Blendspace are three innovative websites to start using TODAY! This session will guide you through the basics of each website and then provide time for you to begin creating your own content! Come, Play and Take Away these ready-to-use resources!

Tools for Your 1 to 1 Toolbox 2.0

Speakers: Courtney Stenzhorn, teacher; Holly Pashia, teacher; Herculaneum High School, Herculaneum, Missouri

Audience: 6-12

Tech Level: All

Strand: Digital Tools & Creation

Room: Exhibit Hall

Standards: T 1-4

Attend this showcase of the best of the best ideas for using technology in the classroom! The presenters will go head to head to show new ideas and fun ways to elevate the education process in the classroom and YOU decide the winner! However, the real winner is you! This presentation is geared toward providing teachers in all content areas, from middle to high school, a variety of tools for a 1:1 classroom. Learn about assessment options and daily activities. Whether you are implementing 1:1 or just want new ways to integration technology, attend this session and take away ideas for integrating new tech ideas.