This is IT² 2017

**Instructional and Information Technology
Inspiration through Collaboration**

Conference Guide

Sunday, March 12, 2017
Pre-Conference Workshops

Monday, March 13, 2017
Conference

Conference Location
Pipestone Area Schools, 1401 7th Street SW
Pipestone, MN 56164

Collaborate. Innovate.
Empower 21st Century Learners!

SOUTHWEST WEST CENTRAL SERVICE COOPERATIVE

SWWC

Education & Administrative Resources

This is IT² 2017

Instructional and Information Technology
Inspiration through Collaboration

Pre-Conference March 12, 2017
12:00-6:30 p.m.

Conference March 13, 2017
8:00 a.m. – 4:00 p.m.

Pipestone Area High School
1401 7th Street SW
Pipestone, MN 56164

Pipestone Area High School
Pipestone, MN

#ItIt17

In this Guide You will find…

Conference Schedule for March 13

Registration and Exhibit Hall ....8:00 AM
Welcome and Keynote Address.............................8:45 AM
Breakout Session Series 100 ....10:30 AM
Focus Session Series 200 / Lunch A ....11:30 AM
Focus Session Series 300 / Lunch B.......................12:30 PM
Breakout Session Series 400 ....1:45 PM
Breakout Session Series 500 ....2:45 PM
Closing Remarks and Door Prizes...........................3:30 PM

Exhibit Hall Hours................................8:00 AM to 2:45 PM

-WELCOME-

On behalf of the SWWC Service Cooperative Technology Department, thank you for your interest in making This is IT^2 2017 a professional development opportunity to expand your horizons and become a part of the collaboration that will lead to innovation and empower 21st century learners in our classrooms! We are excited and very proud of the geographic reach of our attendees and presenters, This is IT^2 has quickly become an event that brings collaboration beyond the borders of SWWC's membership boundaries, and we hope that is something that you are excited to be a part of.

We're entering the second decade of *This is IT^2* and every year continues to feel like a new beginning. That is how education technology feels as well, every year we are looking at the newest and greatest devices and solutions out there, but much like in our schools, the focus of This is IT^2 is truly on the people! There is no doubt that technology can do amazing things, but it is how the people using it make a difference in the lives of the students that we collectively are here to ensure are provided the best possible education opportunities available.

Our goal is for *This is IT^2* to provide you with a hands-on, and engaging environment to learn and collaborate with your peers, while learning about the newest technologies supporting Education today. Our brand, *This is IT^2*, is defined by the makeup of our conference itself: *This is Instructional Technology and Information Technology*. This year our conference will continue to focus on inspiring and enhancing collaboration among education and administrative staff in our districts, as it always has. It is our anticipation that what you learn during the conference will carry forward as experiences that you share and build upon with your colleagues and peers.

This year we will focus on the ways that technology can drive professional development and revolutionize classrooms that support 21st Century Learning and the assessment of the effectiveness those tools are having on learning. We are thrilled to have Dr. Scott McLeod, an advocate for technology, leadership and the future of schools, as our keynote speaker. Dr. McLeod will be leading a pre-conference workshop and Focus session in addition to our keynote address this year.

This conference is for you, and this year even more by you than ever before! I would like to thank all of the local presenters that proposed sessions this year, it is great to see some our region's talent shown off during the conference. We will also be incorporating social networking into the conference as much as possible this year. Join the backstage conversations before, during and after the conference on Twitter by using "#ItIt17" in your tweets, and don't forget to stop by the ever popular Social Media Booth during the conference and get your individual or group picture snapped with some cool props and uploaded!

On behalf of the entire staff of the SWWC Service Cooperative Technology Department, who worked diligently to put this conference together, we hope to see you in Pipestone on March 12 and 13, 2017!

-Josh Sumption, CETL, Director of Technology

-RATES-

Technology Conference

$50.00 - SWWC Technology Subscribers (View list of Subscribers)

$100.00 – Non-SWWC Technology Subscribers

$125.00 – All Registrations Received after March 3, 2017

Pre-Conference Workshops

$35.00 - SWWC Technology Subscribers (View list of Subscribers)

$65.00 – Non-SWWC Technology Subscribers

$75.00 – All Registrations Received after March 3, 2017

Cancellation Policy

Cancelations must be received by 4:30 PM on March 3, 2017 to qualify for a full refund. After March 3, 2017 all registrations are final and no refunds will be issued. Substitution of attendees from the same district or organization will be allowed up to the day of the conference.

-THIS AND THAT-

Conference Logistics

This year's location is the Pipestone Area High School. Parking both days will be available in the Northeast Parking Lot on the Pipestone Area High School Campus, which is located alongside the gymnasium. You will be able to enter the building from any of the entrances alongside the parking lot. Our Registration booth will be located in the North end of the cafeteria alongside the glass window wall.

- March 12 Registration begins at 11:30 AM
- March 13 Registration begins at 8:00 AM

When pre-registering online for the conference, please note some important options:

- "Do not share my information with vendors". Select this option to be excluded from contact information lists shared with our conference exhibitors.
- "Digital Conference Guide and Materials". Select this option if you wish to Go Digital! You will receive a minimal number of paper materials as a part of your registration and will not receive a printed copy of our Conference Guide at the conference.

A Technology Demo Lab and Social Media Booth with the latest in trending technologies will be setup at the conference with demos and hands-on will be presented throughout the day in an informal format. This is also a great place to stop and put out a quick shout-out to your social media followers using our Social Media Photo Booth! Get Ready to Get Social! #ItIt17

Environmental Efforts

In an effort to conserve resources, handouts for our sessions will be available online only through our conference site. Additionally, you may opt in to our "Digital Conference Guide and Materials" option when registering, with this option, you will receive only the printed materials required to access the wireless Internet and online conference resources.

Gifting Rules

The rules associated with the Federal E-rate program and MN Statute 471.895 place strict limitations on gifts received by school district personnel. The acceptance and distribution of gifts at this conference is the sole responsibility of vendors and conference attendees and SWWC Service Cooperative shall have no responsibility or liability for the actions of vendors and participants. Participants of This is IT[2] 2017 are responsible to understand these rules and how they apply to your position.

-ACCOMMODATIONS-

Pipestone offers a number of options for your overnight stay from experiences in Pipestone's Historic Downtown, to the modern feel of the Crossings Inn to value in the newly renovated Americas Best. Consider one of these options if you will be joining us for the Pre-Conference Workshops on March 12th and the Conference, or if you simply want to get an early start on March 13th. All of the hotels are located within two miles of Pipestone Area High School, our conference location.

The Historic Calumet Inn
104 W Main Street
Pipestone, MN 56164
www.calumetinn.com
Phone: (507) 825-4578

Restaurant located in the hotel. Conveniently located in Historic Downtown Pipestone and within walking distance of several dining choices.

Crossings Inn and Suites
915 7th Street SE
Pipestone, MN 56164
Phone: (507) 562-1100
http://tinyurl.com/p5nng5l

Americas Best Value Inn
605 8th Ave SE
Pipestone, MN 56164
Phone: (866) 539-8430
http://tinyurl.com/ln2t4ta

-PLAN YOUR CONFERENCE-

Use the target audience keys listed with each breakout session to find the sessions that are best suited to meet your needs. The target audiences are identified by the presenters, but if you find a session that is still of interest but your position is not listed in the target audience key, don't sweat it, our sessions are meant to meet your personal interests.

Sessions identified with a target audience that includes "Technology Department Staff" is inclusive of Technology Director/Coordinators, Technology Integration Facilitators, and Other Technology Department Staff Members attending the conference.

Please read through the Conference Session Guide carefully to find the sessions that suite you and then register online by using the link located at: www.swsc.org/techconf

-KEYNOTE-

Dr. Scott McLeod, Assoc. Prof. of Educational Leadership, University of CO-Denver
Founder – Dangerously Irrelevant

An Associate Professor of Educational Leadership at the University of Colorado Denver, **Scott McLeod, J.D., Ph.D.**, is widely recognized as one of the nation's leading experts on P-12 school technology leadership issues. He is the Founding Director of the UCEA Center for the Advanced Study of Technology Leadership in Education (CASTLE), the nation's only university center dedicated to the technology needs of school administrators, and is the co-creator of the wildly popular video series, *Did You Know? (Shift Happens)*. He also is the co-creator of the *trudacot* technology integration discussion protocol and the founder of both the annual Iowa 1:1 Institute and EdCampIowa, the nation's largest EdCamp event. Dr. McLeod has worked with several hundred schools, districts, universities, and other organizations and has received numerous awards for his technology leadership work, including the 2016 Award for Outstanding Leadership from the International Society for Technology in Education (ISTE). In 2015 he was one of three finalists to be the next Director of the Iowa Department of Education. In 2011 he was a Visiting Faculty Fellow at the University of Canterbury in New Zealand. Dr. McLeod was one of the pivotal figures in Iowa's grass roots 1:1 computing movement, which has resulted in over 220 school districts providing their students with powerful learning devices. Dr. McLeod blogs regularly about technology leadership issues at *Dangerously Irrelevant* and is a frequent keynote speaker and workshop facilitator at regional, state, national, and international conferences. He has written 170 articles and other publications and is one of the most visible education professors in the United States. He is the co-editor of the book, *What School Leaders Need to Know About Digital Technologies and Social Media.* His new book, *The Relevance Gap: 6 Arguments for Why Schools Need To Be Different*, will be published this spring.

Keynote Address

From Fear and Control to Empowerment and Engagement   9:00 – 10:00 AM

Many of our youth are powerful, inquisitive, self-directed learners with technology at home. At school, however, their technology-facilitated learning is tightly constrained, limited, or even nonexistent. If we want graduates who are creative, critical thinkers and collaborative problem solvers, educators and policymakers must get beyond their fears and their needs for control and instead create learning environments of empowerment and engagement. It is incredibly difficult to prepare students for a digital, global world within locked-down, primarily analog classrooms. Other schools are opening up opportunities for their students. You can too!

Scott's Focus Session

201 Utilizing New Technologies for Effective Staff Development................. 11:30 AM – 12:30 PM

Scott's Pre-Conference Workshop (March 12, 2017)

904 Redesigning Classroom Lessons and Units to Enhance Deeper
    Learning and Student Agency ....2:00 PM – 6:30 PM

-BREAKOUT SESSIONS-

This is IT² 2017 offers you over 40 brand new sessions that cover the latest and greatest developments in Instructional and Information Technologies in K-12 Education today! We hope that this year's conference topics provide you with additional opportunities to partake in more of the sessions on the information you have been asking for in feedback from previous years.

-BREAKOUT SESSION SERIES 100-
Collaborating from 10:30 AM to 11:15 AM

Session 101 (Repeated as Session 501)
Using Minnesota's Digital Curriculum and Implementation Support
Target Audience: School Administrators (Superintendents and Principals);Curriculum Coordinators;Media Center Managers and Librarians;Teachers (All Levels);Technology Integration Facilitators
Presented by
    Marc Johnson, Executive Director; ECMECC
Investigate the free digital curriculum and OER resources from the Minnesota Partnership for Collaborative Curriculum. You will receive a general introduction to the MN standards aligned, teacher created, math, science, social studies and ELA curriculum available for grades 3 - 12 along with discovering the teacher implementation networks and other resources available to support you in implementing the materials in your own classroom.

Session 102 (Repeated as Session 502)
Google Arts & Culture and Smithsonian Learning Lab: Priceless Collections for Free
Target Audience: Curriculum Coordinators;Media Center Managers and Librarians;Teachers (All Levels);Technology Integration Facilitators
Presented by
    Mary Mehsikomer, Technology Integration Development & Outreach Facilitator; TIES
In this session, participants will learn about how Google Arts and Culture and the Smithsonian Learning Lab can be used to build classroom collections of artifacts, video, and tools to help teachers and student curate learning materials. These resources are free and can be used in any content area. Attendees will also receive access to the presenter's list of favorite free and fabulous resources for teaching and learning.

Session 103
Get Interactive with SMART Notebook's Newest Features
Target Audience: Teachers (Pre K-4);Teachers (5-8);Technology Directors/Coordinators;Technology Integration Facilitators;Technology Support Staff
Presented by
    Vera Weber, Technology Integration Specialist; Montevideo Public Schools
Are you using your SMART Board as a glorified white board? Having trouble making your Interactive Whiteboard become INTERACTIVE?!? Well then, this session is for you! SMART Notebook, version 15 and above has included many new interactive features that help you create engaging and interactive activities for your students. These features are teacher friendly for classrooms with 1:1 devices, classrooms with only a few devices, or even no devices. You'll find these SMART Notebook features definitely worth your time.

Session 104 (Repeated as Session 504) *Featured Exhibitor Content!*
zSpace Virtual Reality Engaging Students, Better Conceptual Understanding, Improved Outcomes
Target Audience: All Conference Attendees
Presented by
    Pat Salstrand, Director of Sales; zSpace
    Zach Boxrud, K-12 Technology Consultant; Tierney
See how zSpace is changing student interaction with key concepts in Science, Technology, Math, Engineering, Design and more. In this session you will get a chance to experience the zSpace interaction and explore the curriculum resources and software behind this powerful tool. zSpace is a 3d Virtual Reality hardware and software platform allowing for seamless integration into a K-12 school. The zSpace system is designed to minimize motion sickness and other problems that come with other virtual reality systems.

Session 105
Hour of Code! (Repeated as Session 505)
Target Audience: All Conference Attendees
Presented by
    Kara Damm, Technology Integration Specialist; SWWC Service Cooperative
You've probably heard someone talk about coding in their classroom. You may be asking yourself 'what does that mean?' Learn what the Hour of Code is plus iPad apps that you can use to start your students coding. Teachers do not need prior experience to bring coding into their classroom. Join me to play with several websites as well as iPad apps that your students can use as an introduction to coding. Don't worry, you do not need any experience with coding! Bring your iPad and AppleID to download some free apps!

Session 106 *Featured Exhibitor Content!*
Applying technology to teach science with WeDO 2.0
Target Audience: School Administrators (Superintendents and Principals);Curriculum
        Coordinators;Media Center Managers and Librarians;Teachers (Pre K-4);Technology
        Directors/Coordinators;Technology Integration Facilitators
Presented by
    Kelly Reddin, Global master Trainer- LEGO education; LEGO education
Looking for ways to expose your elementary students to simple programming and robotics? LEGO Education WeDo robotics is an easy-to-use solution that brings STEM to life for young students while building foundations in engineering and programming. Join us for a hands-on session where you can experience working with our models that use motors and sensors to let students explore science and math concepts while programming the models to move using the WeDo Robotics Programming Software. Participants will gain insight in how to apply and integrate STEM subjects as well as literacy while exploring what WeDo has to offer.

Session 107
Active Directory & Group Policy Basics
Target Audience: Technology Directors/Coordinators;Technology Support Staff
Presented by
    Mike Carter, Senior Technology Coordinator; SWWC Service Cooperative
    Sean Blomme, Technology Support Assistant; SWWC Service Cooperative
Learn the basics of Active Directory, users and computer, security and distribution groups, and Organizational Units. Group policy you will be learning about active directory integration; Group Policy Objects; difference between computer and user configuration policy and much more. Bring your questions and tips to share.

Session 108

Tools to Help Promote Your School on Social Media

Target Audience: All Conference Attendees

Presented by

      Shelly Maes, Manager of Member Services; SWWC Service Cooperative

Looking for EASY ways to create engaging images and videos for social media? Bring your phone or tablet to this session and we will explore tools that help make promoting your school on social media easy and fun!

Session 109

Connecting and Collaborating Across the Country and the Curriculum with Interactive Video Conferencing.

Target Audience: All Conference Attendees

Presented by

      Jon Larson, Technology Evangelist; ECMECC

Explore video conferencing to enhance and enrich your curriculum, collaborate with other classes and learn from content experts. Learn the lingo, explore the hardware and software options available for connecting your students, discover lesson resources and see how to arrange and conduct a live event.

Session 110

Seesaw The Learning Journal

Target Audience: School Administrators (Superintendents and Principals);Teachers (Pre K-4)

Presented by

      Barry Fischer, Coordinator of Digital Learning; ISD 518

Seesaw: The Learning Journal. Take a look at this wonderful tool for providing authentic voice for elementary age students and connecting with families.

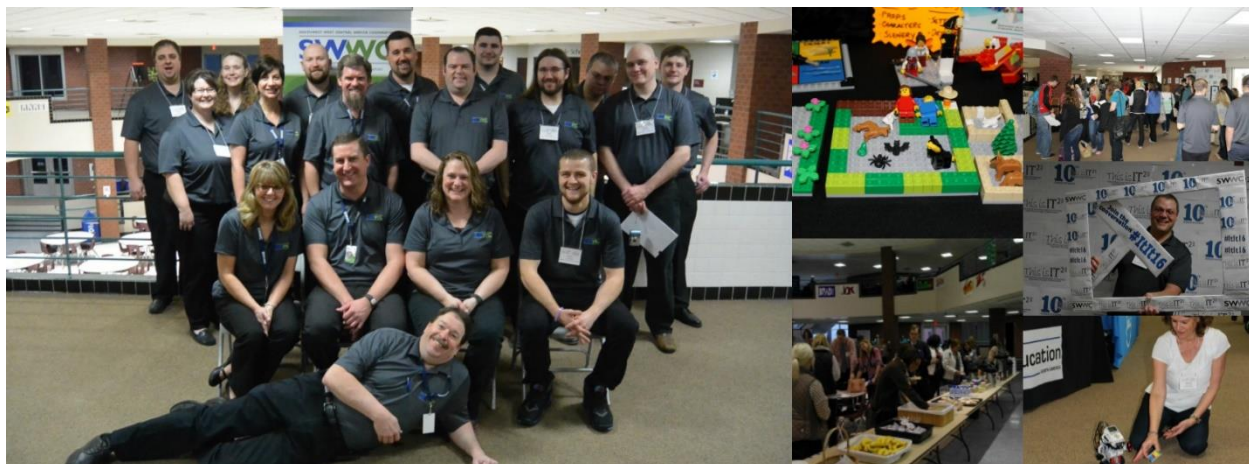**Session 111 (Repeated as Session 511)** *Featured Exhibitor Content!*

Google Expeditions

Target Audience: All Conference Attendees

Presented by

      Dave Donarski, Education Account Manager; Best Buy Education

Join us for a live demonstration of Google Expeditions and experience why virtual reality tools like Google Expeditions are helping to shape and improve the future of education. With the Google Expeditions virtual reality kits powered by Best Buy Education, teachers can take students on over 400 virtual reality field trips without leaving the classroom. Helping your students explore new places and ideas has never been easier or more affordable.

Session 112

A Successful Live Video Stream

Target Audience: School Administrators (Superintendents and Principals);Technology
Directors/Coordinators

Presented by

Phil Lalim, Spanish Teacher; Producer of Live Stream; Lakeview Schools

Are you ready to have a successful live video stream at your school? This session will show you how I run the live video stream at Lakeview Schools. We have been streaming events for over 4 years now. Over the course of that time, I have learned many things that have helped improve the product that we produce. During the session you will see our complete set up in person. I will also take you through the steps that are involved to set up a live video stream.   The focus of the presentation will be more on the process and set up versus all of the technological jargon associated with live streaming.

Session 113 *Featured Exhibitor Content!*

FileWave 101: Overview of Endpoint Management Features for Windows, MacOS-iOS & Android MDM

Target Audience: Technology Directors/Coordinators; Technology Support Staff

Presented by

Jon Shuler, Sr. Account Manager; FileWave

FileWave's all-in-one interface: Manage files/content pre & post-deployment with patented 'file-level' control for MacOS & Windows. Features include: Imaging, 'true' file-level Self-healing, Rollback settings/software, schedule deployments, Auto-resume Interrupted deployments, Kiosk, 'Engage' classroom tool, inventory, updates, license tracking/reporting, software usage, device tracking remote desktop, device discovery, iOS/Android MDM.

-FOCUS SESSIONS-

Collaborating from 11:30 AM to 12:30 PM and 12:30 PM to 1:30 PM

We began offering Focus Sessions a few years ago to further the reach of This is IT2 to "focus" in on educations most pressing current technology topics. You can look at a Focus Session as being a mini-keynote presentation, the types of topics and structure of the session is very similar to what you might find in a keynote address at other conferences. We have split our Focus Sessions into two separate timeframes allowing participants to choose the focus session that they would like to attend and then have lunch and time in the exhibit hall in the hour opposite of their Focus Session. Don't worry, if you choose to attend a Focus session in each timeslot, we won't hold it against you, but we hope you don't go hungry by missing lunch!

-FOCUS SESSION SERIES 200-
Collaborating from 11:30 AM to 12:30 PM
Lunch and Exhibit Hall from 12:30 PM to 1:30 PM

Session 201

Utilizing New Technologies for Effective Staff Development

Target Audience: All Conference Attendees

Presented by

Dr. Scott McLeod, Associate Professor, Educational Leadership; University of Colorado Denver

Grade-level teams, department meetings, professional learning communities, etc. - we already understand the power of effective collaboration among role-alike peers. How do we extend that idea and really take advantage of the affordances that accompany online, global communities of practice, not just local ones? Bring your computing device(s)!

Session 202

What Do the New ISTE Student Standards Mean for Me?

Target Audience: Curriculum Coordinators;Media Center Managers and Librarians;Teachers (All Levels);Technology Directors/Coordinators;Technology Integration Facilitators

Presented by

Cara Hagen, Lead Education Technology Consultant; TIES

ISTE released new student standards for education technology. Explore the changes to the standards from 1998 through the present, and examine what these new standards mean for your students' learning and your teaching.

-FOCUS SESSION SERIES 300-
Collaborating from 12:30 AM to 1:30 PM
Lunch and Exhibit Hall from 11:30 PM to 12:30 PM

Session 301

Kara's Favorite Things!

Target Audience: All Conference Attendees

Presented by

Kara Damm, Technology Integration Specialist; SWWC Service Cooperative

There are so many amazing apps and websites but so little time to discover them. Join me in this fast-paced session as I share my favorite apps, websites, Chrome Apps, Chrome Extensions, tips, and tools! Apps will be for Chromebooks, Windows and iPads.

Session 302

Teaching Beyond Borders

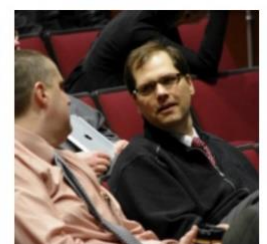Target Audience: Curriculum Coordinators;Media Center Managers and Librarians;Teachers (All Levels);Technology Integration Facilitators

Presented by

Mary Mehsikomer, Technology Integration Development & Outreach Facilitator; TIES

Students need to learn about the world beyond their own community. In a global economy, they will be interacting with others around the world and will need to understand cultural differences, tolerance, and how to interact with others throughout the world. In this session, teachers will learn about effective ways to develop global literacy in students and take a way a wide variety of resources for helping students connect with others around the globe in a variety of ways.

Session 401

BreakoutEDU

Target Audience: All Conference Attendees

Presented by

Blair Miller, 3rd Grade Teacher/ Technology Integration; Lakeview

It's Time for Something Different! Breakout EDU is one of the fastest growing Ed Tech in schools across the nation. Breakout EDU games teach critical thinking, teamwork, complex problem solving, and can be used in all content areas and across all grades. It's guaranteed to leave your kids wanting more. Come and participate in a game and learn all about Breakout EDU!

Session 402

SMART Interactives Using New Tools in Notebook 16

Target Audience: Media Center Managers and Librarians;Teachers (All Levels);Technology Integration
                             Facilitators

Presented by

Cara Hagen, Lead Education Technology Consultant; TIES

SMART Notebook 16 has added features to simplify the process of creating interactive content for your SMART Board. The Activity Builder, Lesson Activity Builder, SMART Blocks and more are all ways to easily build interaction into your SMART lessons. Content is appropriate for all grade levels by Intermediate SMART Board users.

Session 403 (Repeated as Session 503)

1:1 iPads in 2nd Grade

Target Audience: Teachers (Pre K-4)

Presented by

Kelli Doorenbos, 2nd grade teacher; Windom Area Schools

This session, focused more for K-5 grades, will show how iPads can support students to be active, creative, and purposeful users. The presenter will share specific examples of effective integration of some of the best apps for student creativity, publishing, and collaboration. You will gain ideas for quick formative assessments and practical tips that will support you and your students in creating content and sharing it with others. Take a peek into a 2nd grade classroom that is 1:1 and integrating technology throughout the learning day.

Session 404

Minnesota CoSN Chapter and the CETL Certification

Target Audience: School Administrators (Superintendents and Principals);Technology Department Staff

Presented by

     Josh Sumption, CETL, Director of Technology; SWWC Service Cooperative

     Mary Mehsikomer, CETL, Outreach and Technology Development Facilitator; TIES

Minnesota now has a statewide Consortium of School Networking (CoSN) Chapter! If you are currently a CoSN member or want to find out what CoSN is all about and how the MN Chapter will be of benefit to your school and your own professional development, this session is for you. CoSN is a professional organization devoted to the development and support of technology leaders throughout the United States, and also acts as an advocate for a number of education technology initiatives to the federal government and other influential organizations that oversee education policy. Additionally the Certified Education Technology Leader (CETL) certification will be discussed including what CETL is all about and some of the steps you can take to prepare and maintain the certification into the future. Participants will leave the session with a thorough understanding of CoSN benefits and how to use CoSN resources in their daily work.

Session 405

Take Your Students on a Wild GooseChase!

Target Audience: All Conference Attendees

Presented by

     Kara Damm, Technology Integration Specialist; SWWC Service Cooperative

Engage your students on a digital scavenger hunt using your Internet-connected cell phone or tablet and build-in camera. Learn how you can give students a set of clues and have them record answers in either photos, video, text or a GPS check in. Students are able to work individually or in groups. The app assists students in team building and collaboration as they work against others to climb to the top of the leader board. Please download the free app Choosechase BEFORE coming to the breakout session. You will need to create a free account as well.

Session 406 *Featured Exhibitor Content!*

LEGO education Mindstorms-Using Robotics to do Coding and More

Target Audience: School Administrators (Superintendents and Principals);Curriculum
         Coordinators;Media Center Managers and Librarians;Teachers (5-8);Teachers (9-
         12);Technology Directors/Coordinators;Technology Integration Facilitators

Presented by

     Kelly Reddin, Global master Trainer- LEGO education; LEGO education

Expose your students in your classroom to robotics, a proven way to expose students to an application of STEM concepts. This session will allow you to learn how LEGO Education MINDSTORMS can get your students excited as they model real-life mechanisms and solve real-world challenges, all while building the critical-thinking and creative problem-solving skills that will serve them well for a lifetime. MINDSTORMS will keep your students engaged while teaching them to apply STEM concepts in a relevant way. Join us to find all the ways that you can incorporate robotics into your classroom.

Session 407
Network Security in Schools
Target Audience: School Administrators (Superintendents and Principals);Technology
                  Directors/Coordinators;Technology Support Staff
Presented by
        Marc Johnson, Executive Director; ECMECC
It has been said that to have the resources necessary to employ best practices in network security takes a corporate revenue of over a quarter billion dollars. Schools don't have that kind of revenue and usually fall quite short in security best practices. What can we do to ensure we are protecting our networks? Learn how schools in East Central Minnesota are working together to tackle this issue and how the model can be replicated elsewhere. We will examine security audits, potential shared services, firewall methods and much more.

Session 408 *Featured Exhibitor Content!*
All Things Google + Kyocera
Target Audience: School Administrators (Superintendents and Principals);School Office Staff;Technology
                  Directors/Coordinators;Technology Support Staff
Presented by
        Steve Gardner, Managed Print Services Speciailist; Bennett Office Technologies
        Pat Hoffman, Product Solutions Specialist; Kyocera Document Solutions
Pat Hoffman of Kyocera Document Solutions and Steve Gardner of Bennett Office Technologies will present about leveraging Kyocera's Google Connector and other applications which allow users to access features of their Google account directly from your Multi-Function device for both print-from and scan-to functionality, and provide a brief update regarding the current Managed Print Services program collaboration with SWWC.

Session 409
One School World
Target Audience: All Conference Attendees
Presented by
        Tami Moehring, Content Provider Liaison; Center for Interactive Learning & Collaboration
        Sean Forde, 2nd Grade Teacher - Technology & Global Educator Lead; Chadwick International
        School - South Korea
Through technology students are no longer confined to the 4 walls of their classroom. However, what are they learning as they click around and is it having any impact on their social interactions, views or empathy? Discover why you as a teacher would want to bring the world into your classroom, what you need, and how to do it. Teacher Sean Forde who has taught in schools around the world, and Tami Moehring from the Center for Interactive Learning and Collaboration (CILC) will help you get started on the journey to becoming a One World School.

Session 410
The World of Twitter
Target Audience: All Conference Attendees
Presented by
        Dan Klumper, Instructor; Dakota State University
Perhaps the single most effective professional development opportunity is right in the palm of your hands--Twitter! Join me for this session as we explore Twitter, its uses, it's functions and how you can use it to be the main character in your professional development experience. Stop spending time seeking out new ideas and strategies. Let them come to you!

Session 411

Maker Some Space for a Raspberry Pi

Target Audience: All Conference Attendees

Presented by

       Jon Larson, Technology Evangelist; ECMECC

Make Raspberry Pi, this credit card sized computer, complete with CPU, Ram, Video and Audio, USB, Network - wifi, bluetooth and Gpio that will operate off a phone charger or battery. See how this amazing tool is one of the coolest MakerSpace items ever.

Session 412 *Featured Exhibitor Content!*

Technology Integration Workshop and Classroom Programs through BestPrep

Target Audience: All Conference Attendees

Presented by

       Jonathan Filzen, Education Outreach Specialist; BestPrep

Learn about our four-day professional development summer opportunity in the Twin Cities for K-12 educators to enhance their curriculum through the integration of 21st century technology skills. Participating teachers update a curriculum unit plan during the workshop and participate in a corporate job shadow to better prepare their students with the skills needed in today's workplace.BestPrep also offers 4 free programs during the school year to prepare students with business, career and financial literacy skills through hands-on experiences that inspire success in work and life.

Session 413 *Featured Exhibitor Content!*

Take the Mystery Out Of Toner Replenishment

Target Audience: School Administrators (Superintendents and Principals);Curriculum Coordinators;Media Center Managers and Librarians;School Office Staff;Technology Directors/Coordinators;Technology Integration Facilitators;Technology Support Staff

Presented by

       Joseph Axmacher, Educational and Government Program Director; Innovative Office Solutions

The session would be an informative dialogue discussing the benefits of a toner replenishment program, tips and tricks on how to lower costs associated to consumables (anything with a manufacturer's stated yield) and how to optimize time when considering a toner replenishment program. Savings can be significant and can allow clients to redistribute savings to other areas needing funding.

<div align="center">

-BREAKOUT SESSION SERIES 500-
Collaborating from 2:45 PM to 3:30 PM

</div>

Session 501 (Repeat of Session 101)

Using Minnesota's Digital Curriculum and Implementation Support

Target Audience: School Administrators (Superintendents and Principals);Curriculum Coordinators;Media Center Managers and Librarians;Teachers (All Levels);Technology Integration Facilitators

Presented by

       Marc Johnson, Executive Director; ECMECC

Investigate the free digital curriculum and OER resources from the Minnesota Partnership for Collaborative Curriculum. You will receive a general introduction to the MN standards aligned, teacher created, math, science, social studies and ELA curriculum available for grades 3 - 12 along with discovering the teacher implementation networks and other resources available to support you in implementing the materials in your own classroom.

Session 502 (Repeat of Session 102)

Google Arts & Culture and Smithsonian Learning Lab: Priceless Collections for Free

Target Audience: Curriculum Coordinators;Media Center Managers and Librarians;Teachers (All
Levels);Technology Integration Facilitators

Presented by

Mary Mehsikomer, Technology Integration Development & Outreach Facilitator; TIES

In this session, participants will learn about how Google Arts and Culture and the Smithsonian Learning Lab can be used to build classroom collections of artifacts, video, and tools to help teachers and student curate learning materials. These resources are free and can be used in any content area. Attendees will also receive access to the presenter's list of favorite free and fabulous resources for teaching and learning.

Session 503 (Repeat of Session 403)

1:1 iPads in 2nd Grade

Target Audience: Teachers (Pre K-4)

Presented by

Kelli Doorenbos, 2nd grade teacher; Windom Area Schools

This session, focused more for K-5 grades, will show how iPads can support students to be active, creative, and purposeful users. The presenter will share specific examples of effective integration of some of the best apps for student creativity, publishing, and collaboration. You will gain ideas for quick formative assessments and practical tips that will support you and your students in creating content and sharing it with others. Take a peek into a 2nd grade classroom that is 1:1 and integrating technology throughout the learning day.

Session 504 (Repeat of Session 104) *Featured Exhibitor Content!*

zSpace Virtual Reality Engaging Students, Better Conceptual Understanding, Improved Outcomes

Target Audience: All Conference Attendees

Presented by

Pat Salstrand, Director of Sales; zSpace

Zach Boxrud, K-12 Technology Consultant; Tierney

See how zSpace is changing student interaction with key concepts in Science, Technology, Math, Engineering, Design and more. In this session you will get a chance to experience the zSpace interaction and explore the curriculum resources and software behind this powerful tool. zSpace is a 3d Virtual Reality hardware and software platform allowing for seamless integration into a K-12 school. The zSpace system is designed to minimize motion sickness and other problems that come with other virtual reality systems.

Session 505 (Repeat of Session 105)

Hour of Code!

Target Audience: All Conference Attendees

Presented by

Kara Damm, Technology Integration Specialist; SWWC Service Cooperative

You've probably heard someone talk about coding in their classroom. You may be asking yourself 'what does that mean?' Learn what the Hour of Code is plus iPad apps that you can use to start your students coding. Teachers do not need prior experience to bring coding into their classroom. Join me to play with several websites as well as iPad apps that your students can use as an introduction to coding. Don't worry, you do not need any experience with coding! Bring your iPad and AppleID to download some free apps!

Session 507

Windows 10 and Office 365 at Marshall Public Schools

Target Audience: All Conference Attendees

Presented by

Todd Pickthorn, District Network Services Coordinator; Marshall Public Schools

Chuck Van De Weghe, Education Technology Strategist; Microsoft Corporation

Over the past few years Marshall Public Schools (MPS) has significantly modernized the technology used to support staff productivity and classroom teaching and learning. After considering several options they selected Microsoft technologies as the technology foundation for their district - specifically Microsoft Office 365 Education and modern Windows 10 devices from Lenovo. Learn why MPS selected Microsoft technologies, what results have been achieved to date, what they have learned while implementing these technologies and where they're going next.

Session 508

PAC files for Proxies

Target Audience: Technology Directors/Coordinators; Technology Support Staff

Presented by

Darren Fransen, Technology Coordinator; SWWC Service Cooperative

Are you using a proxy server for your devices? Do you need some traffic to bypass your proxy server? If so, a PAC(proxy auto config) file can give you greater control where traffic gets routed. In this session you will learn how to make a PAC file and how to implement it. Some basic understanding of coding(javascript) may be helpful for getting the most out of this session, but may not be necessary for grasping the overall concept.

Session 509 *Featured Exhibitor Content!*

Digital grants from the Vikings and Wild to teach critical skills

Target Audience: All Conference Attendees

Presented by

Lincoln Hughes, Director, K12 Programs; Minnesota Vikings, Minnesota Wild, EverFi

Through partnerships with the Vikings and Wild, EverFi provides educators with online learning tools in topics such as financial education, digital literacy, citizenship, STEM and social-emotional learning. Each course is standards-aligned and free of charge to schools. Over 200 schools in Minnesota have gone through an EverFi course. Everyone who attends our presentation will be given login credentials, standards-alignment documents, lesson plans and ongoing technical and curriculum support at no cost.

Session 510

Digital BreakoutEDU

Target Audience: All Conference Attendees

Presented by

Dan Klumper, Instructor; Dakota State University

BreakoutEDU is a cutting edge teaching strategy that creates unique opportunities for students to not only learn and work with content but also work on 21st-century skills such as problem-solving, critical thinking, collaboration, and perseverance. BreakoutEDU draws on students natural curiosity to get them engaged and immersed in their learning. In this session, we will explore the world of Digital BreakoutEDU learn how to build one and what tools to use.

Session 511 (Repeat of Session 111) *Featured Exhibitor Content!*
Google Expeditions
Target Audience: All Conference Attendees
Presented by
      Dave Donarski, Education Account Manager; Best Buy Education
Join us for a live demonstration of Google Expeditions and experience why virtual reality tools like Google Expeditions are helping to shape and improve the future of education. With the Google Expeditions virtual reality kits powered by Best Buy Education, teachers can take students on over 400 virtual reality field trips without leaving the classroom. Helping your students explore new places and ideas has never been easier or more affordable.

Session 512
Pic Collage for Kids in the Classroom
Target Audience: All Conference Attendees
Presented by
      Jennifer Zupp, Elementary Technology K-4; Pipestone Area Schools
From the creators of Pic Collage, this FREE app is safe for students and still promotes an atmosphere of creativity. This app works great for students K-12th and is full of free papers, stickers, collage grids, free fonts, and search feature. Join me as I demonstrate ways to integrate this into your classroom. This breakout session may teach you a thing or three about how to use Pic Collage outside of school as well

Pre-Conference Workshops

New in 2017, Pre-Conference Workshops will be offered from 12:00 noon to 6:30 PM on Sunday, March 12. Attendees will have the option of attending up to two, 3-hour workshops, or one 4-hour workshop. Attend all of the workshops you would like for just $65.00, or $35.00 for SWWC Technology Subscribers! The only exception to this great rate is for Workshop 902 for which each attendee will receive a Raspberry Pi Kit to keep for an additional $90.00 equipment fee.

If you choose a workshop from the 700 series, you can also choose a workshop from the 800 series.
If you choose a workshop from the 900 series, it is the only workshop you can attend.

-700 Series Workshops-
Collaborating from 12:00 to 3:00

Workshop 701
Minecraft in Education PLAY. CRAFT. LEARN.
Workshop Time: 12:00 to 3:00
Target Audience: Teachers (All Levels);Technology Department Staff
Presented by
>   Kara Damm, Technology Integration Specialist; SWWC Service Cooperative
>   Co-presented by K-12 Students!!

Minecraft: Education Edition is an open world game that promotes creativity, collaboration, and problem solving in an immersive environment where the only limit is your imagination. Minecraft encourages independence and self-direction, allowing students the freedom to experiment and express themselves and their ideas in unique ways. See how Minecraft can be a virtual learning lab and maker kit where students can demonstrate concept mastery and document their achievements.

Workshop 702 *Featured Exhibitor Content!*
Applying technology to teach science with WeDO 2.0
Workshop Time: 12:00 to 3:00
Target Audience: School Administrators (Superintendents and Principals);Curriculum
>   Coordinators;Media Center Managers and Librarians;Teachers (Pre K-4); Technology
>   Department Staff
Presented by
>   Kelly Reddin, Global master Trainer- LEGO education; LEGO education

Looking for ways to expose your elementary students to simple programming and robotics? LEGO Education WeDo robotics is an easy-to-use solution that brings STEM to life for young students while building foundations in engineering and programming. Join us for a hands-on session where you can experience working with our models that use motors and sensors to let students explore science and math concepts while programming the models to move using the WeDo Robotics Programming Software. Participants will gain insight in how to apply and integrate STEM subjects as well as literacy while exploring what WeDo has to offer.

Workshop 801 *Featured Exhibitor Content!*
LEGO Mindstorms-Using Robotics to do Coding and More
Workshop Time: 3:30 to 6:30
Target Audience: School Administrators (Superintendents and Principals);Curriculum
 Coordinators;Media Center Managers and Librarians;Teachers (Pre K-4); Technology
 Department Staff
Presented by
 Kelly Reddin, Global master Trainer- LEGO education; LEGO education
Expose your students in your classroom to robotics, a proven way to expose students to an application of STEM concepts. This session will allow you to learn how LEGO Education MINDSTORMS can get your students excited as they model real-life mechanisms and solve real-world challenges, all while building the critical-thinking and creative problem-solving skills that will serve them well for a lifetime. MINDSTORMS will keep your students engaged while teaching them to apply STEM concepts in a relevant way. Join us to find all the ways that you can incorporate robotics into your classroom.

Workshop 802
SMART Interactives Using New Tools in Notebook 16
Workshop Time: 3:30 to 6:30
Target Audience: Media Center Managers and Librarians;Teachers (All Levels);Technology Integration
 Facilitators
Presented by
 Cara Hagen, Lead Education Technology Consultant; TIES
SMART Notebook 16 has added features to simplify the process of creating interactive content for your SMART Board. The Activity Builder, Lesson Activity Builder, SMART Blocks and more are all ways to easily build interaction into your SMART lessons. Following an introduction to these new tools, there will be time to create and save activites your classroom so be sure to bring content materials. Workshop is appropriate for all grade levels by Intermediate SMART Board users.

Workshop 803
Free & Fabulous Online Resources for Teaching and Learning
Workshop Time: 3:30 to 6:30
Target Audience: Media Center Managers and Librarians;Teachers (All Levels);Technology Integration
 Facilitators
Presented by
 Mary Mehsikomer, Technology Integration Development & Outreach Facilitator; TIES
There are thousands of free, high quality resources designed for educators on the Internet, but where do you look? In this session we will explore a variety of data bases, networks, and resource banks that provide free learning activities, lesson plans, and interactives to use with your students. Participants will learn how to use banks of online tools, government resources, and other sources of material to engage students with content and you will have loads of fun

Workshop 901
Minnesota's Digital Curriculum - We Made the Wheel, You Make it Your Own!
Workshop Time: 2:00 to 6:30
Target Audience: All Conference Attendees
Presented by
>Marc Johnson, Executive Director; ECMECC

Don't recreate the wheel! Access, modify and adapt digital courses from the Minnesota Partnership for Collaborative Curriculum (MPCC). These courses, aligned to Minnesota standards and developed by teachers under the direction of the MPCC, have a Creative Commons license and are available to participating schools at no charge. In this hands-on experience, learn how to access the curriculum in the format of your choosing (Google Drive, Moodle, or Schoology), discuss strategies for implementation, and learn how to fit the content to your classroom. Over 200 MN districts are members of MPCC including most schools in the SWWC Service Cooperative. If your district is not or you don't know, attend so you get involved.

Workshop 902 – Additional $90.00 Equipment Fee applies for your very own Raspberry Pi Kit!
Getting Started with the Raspberry Pi
Workshop Time: 2:00 to 6:30
Target Audience: Media Center Managers and Librarians;Teachers (All Levels); Technology Department
>Staff

Presented by
>Jon Larson, Technology Evangelist; ECMECC

A Raspberry Pi, the credit card size single board computer, is a great educational tool. Let's find the 'recipe' that works for you. If you would like to give one a try, join us as we unbox the board, setup NOOBS, and begin exploring some of the projects for which a Pi is well suited. We will start at the Root level and guide you through formatting the SD Card, installing the OS, running command line setup, exploring Scratch and Python, and learning how to program the general purpose input/output bus connected to a breadboard for testing simple electrical circuits.   ***Workshop fee includes a Raspberry Pi kit.***

Workshop 903
Getting the Most Out of Your Schoolwires/Blackboard Website
Workshop Time: 2:00 to 6:30
Target Audience: Media Center Managers and Librarians;School Office Staff;Teachers (All
>Levels);Teachers (Pre K-4);Teachers (5-8);Teachers (9-12);Technology
>Directors/Coordinators

Presented by
>Shelly Maes, Manager of Member Services; SWWC Service Cooperative

In this User Group format, we will talk about:-New website features-Keeping your website accessible-Setting up webpages that are responsive to any device-And so much more.Come prepared to learn new things -- and share your favorite aspects of your website. We will learn from each other in this interactive session.

Workshop 904
Redesigning Classroom Lessons and Units to Enhance Deeper Learning and Student Agency
Workshop Time: 2:00 to 6:30
Target Audience: Media Center Managers and Librarians;Teachers (All Levels); Technology Department
Staff
Presented by
Dr. Scott McLeod, Associate Professor, Educational Leadership; University of Colorado Denver
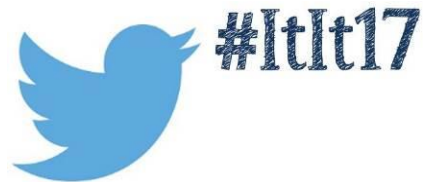We have a lot of technology floating around our schools and classrooms these days. And while that can and should be a good thing given the digital age in which we now live, we often find that our technology-related efforts aren't paying off for us as we had hoped. This hands-on workshop is for educators who wish to push their technology-infused pedagogy to new levels. We will blow right through TPACK and SAMR and use the trudacot technology integration discussion protocol to design and redesign lessons across various grade levels and subject areas. THIS is where the powerful conversations occur; THIS is the work we need to be doing as educators. We will use actual lesson plans and video exemplars to facilitate our work. Bring a willingness to rethink learning and teaching, a lack of defensiveness, and, if possible, a laptop or Chromebook that will work with Google Sheets.

This is IT² 2017

Instructional and Information Technology
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www.swsc.org/techconf

#ItIt17

The Staff of the SWWC Service Cooperative Technology Department Thank You for the part that you are playing in *This is IT² 2017*. We are proud of what this conference has become over the ten years we have been organizing it. The success of this conference is due to our participants and their valuable feedback.

We hope that every participant that attends the conference finds great value from its content and that it facilitates the building of relationships with others in your field for the years to come. Remember, this conference is only intended to start the thoughts and conversations that we hope will continue throughout the year to come. Please make sure to start the conversation early and share on Twitter that you will be attending by using the hashtag #ItIt17

Visit our website for more information on the variety of programs and services available from the SWWC Service Cooperative Technology Department.
www.swsc.org/tech

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