

THURSDAY OCTOBER 29

SCHEDULE AT-A-GLANCE

- 6:30 am – 4:00 pm
Registration
- 7:00 am – 8:30 am
Breakfast Symposia Program
- 7:30 am – 9:00 am
Workshop Sessions
- 7:30 am – 5:00 pm
TLN/NA Networking Room Open
- 8:30 am – 2:30 pm
Exhibit Hall Open
- 9:00 am – NOON
School of Podcasting and Digital Video
- 9:30 am – 10:30 am
School District, Exhibitor, and Corporate
Room Workshops and Roundtables
- 10:00 am – NOON
Mini-Academies
- 11:00 am – NOON
School District, Exhibitor, and Corporate
Room Workshops and Roundtables
- 12:15 pm – 1:45 pm
Showcase Luncheon
- 12:15 pm – 1:45 pm
Salute & Arts Spotlight Luncheon
(Invitation Only)
- 2:30 pm – 3:30 pm
School District, Exhibitor, and Corporate
Room Workshops and Roundtables
- 3:45 pm – 5:15 pm
General Session — Dennis Cheek
- 8:00 pm – 11:00 pm
TLN Special Event

7:00 AM-8:30 AM

Breakfast Speaker Series

BT1: Educating the Mobile Generation — Go Mobile! Go Global!

*Elliot Soloway, University of Michigan (MI),
Cathleen Norris, University of Texas (TX)*

Today's K-12 educators are facing three major tensions: 20th century curriculums vs. 21st century needs; industrial age teaching methods developed in an age of child obedience vs. today's restless, self-centered children; and isolated classrooms vs. a connected, global marketplace. Which districts will step forward today and lead America's schools to "Go Mobile, Go Global"? Come exchange ideas and contribute to the most important conversation of our time: educating the mobile generation.

Advance registration is required, \$30 per participant.

Visionary Leadership  Tools for Engagement **Ballroom 1**



Soloway



Norris

BT2: Global Competitiveness = E3(SWIM) — The Innovations Behind the Technology Equation

John Kuglin, Eagle County School District (CO)

Sponsored by EDmin

A "knowledge-based economy" and globalization continue to challenge the archaic industrial era assumptions upon which most public schools, curricula, and evaluation mechanisms are based. New interactive digital media are spreading rapidly, fostering a youth media culture. Using space, Web, infrastructure, and media in a multiplying manner will prepare our students for this new global competition. Learn how the technology equation, E3(SWIM) answers 21st century questions and concerns educators face when preparing students to resolve global issues in education, energy, and the environment.

Advance registration is required, \$30 per participant.

Visionary Leadership  Preparing Tomorrow's Workforce **205/207**



Kuglin

Workshops

OPEN SOURCE LAB

A Case Study: Migration to Zimbra Open Source Email and Groupware at Michigan City Area Schools*Kevin McGuire, Michigan City Area Schools (IN)*

Michigan City Area Schools have recently migrated to the open source Zimbra solution for district email and collaboration. Attendees will learn the do's and don'ts of a migration to Zimbra and the benefits of this collaboration suite.

Systemic Improvement  Mission Critical IT Management **103/105**

Connected Learning Roadmap: How Schools are Realizing Immediate Savings in Challenging Economic Times*Rene Patton, Cisco (CA)*

Today schools are being squeezed from two directions: lower budgets and higher expectations for educating the 21st century workforce. In this interactive session you will learn through case studies how schools are realizing immediate and significant cost containment by converging various systems onto the network and consolidating resources to create better efficiencies, contain costs and realize conservation savings. They are then able to reinvest their savings in additional efficiencies, safety and security, and creative ways to engage the next generation of learners. Participants who attend this session will learn:

- How schools are realizing immediate and significant cost containment
- How schools are converging various systems onto the network and consolidating resources
- How schools are realizing better efficiencies and reinvesting savings into creative ways to engage learners

Attendees at each of the eight Cisco sponsored sessions will be eligible to win a Flip Camera; one per session will be given away.

Systemic Improvement  Preparing Tomorrow's Workforce **301**

Digital Claymation Creations*Kendra Ericson, Tool Factory, Inc. (VT)*

Using only a ball of clay and a digital camera, we'll show you how to make a clay character come to life. The instructor will demonstrate how to shoot a sequence of digital photos, and then use them as the frames of a mini clay-animated sprite. Transfer images to the computer, then assemble the frames into a looping cartoon. Free copy of Tool Factory Movie Maker and a claymation cheat sheet. Participants who attend this session will learn:

- How to design and build a short claymation sequence
- About the best camera settings
- How to set up your stage with nothing more than a cardboard box for a background

Bring your creativity, a digital camera, and a tripod. Limited supply of loaner cameras will be available.

Digital Age Learning Culture  Tools for Engagement **303**

COME VISIT US IN THE TLN ROOM FOR THIS SPECIAL SESSION

2010 TLN Site Visit

Exceptional Professional Development from Exceptional Schools*Christopher Brown, Gail Soriano, Avoca School District 37 (IL)*

Exceptional schools employ exceptional professional development strategies and at this session we will share the best of the best that you can employ at your school. Participants who attend this session will learn:

- Appropriate professional development for their school situation
- What the best schools are doing to maintain the high level of employee skills in technology
- The most effective practices for professional development with technology reported from NSBA's TLN District Salute Award Recipients and "20 to Watch" winners.

Excellence in Professional Practice Enrollment: 700

 Powerful Professional Development **210/212**

How One District is Using Technology to Improve Student Achievement & Develop Sustainable, Best Practices*Christopher Hand, Jeff Williams, Liberty Public Schools (MO)*

Join an interactive session that presents proven and effective solutions for turning your school district into a smart data organization. Learn how Liberty implemented ways for data to be transformed into information for teachers and principals, and empowered collaborative decision-making. Participants who attend this session will learn:

- How to transform data into information that teachers find useful in preparing lesson plans and differentiating instruction
- How interventions can be aligned and tracked to help identify what works in impacting student improvement
- What other types of student improvement indicators, beyond assessment results, can be brought into learning management solutions

Systemic Improvement Enrollment: 10,200  Leadership for Innovation **107/109**

Next-Wave Strategies for Technology Professional Development*Liz Pape, Virtual High School Global Consortium (MA), Lisa Dawley, Boise State University (ID), Mickey Revenaugh, Connections Academy (MD)*

You've tried "sit and get," you've tried demonstration projects, you've tried sending laptops home — and still your teachers use technology reluctantly, if at all. How can your district leapfrog into the 21st century with technology professional development? Find out from three leaders in online learning about their "next-wave strategies" for bringing teachers up to speed. Participants who attend this session will learn:

- How to create tech-savvy "sleepers agents" within your own faculty
- How to use avatars and virtual worlds to make tech training sizzle
- How to build an online tech learning community so your teachers are never alone

Excellence in Professional Practice  Powerful Professional Development **405**

exh Online Teacher Communities: Harnessing Web 2.0 to Network for Professional Development with Other Educators

Rita Oates, ePals (FL)

Technology has transformed professional development for teachers and sparked new levels of collaboration among educators. There are a host of online social networks geared to educators, where teachers are sharing, discovering, and growing. Teachers are connecting online regardless of time and location, to engage before and after conferences, collaborate on specific professional learning needs, and gain greater access to subject matter expertise. This session will highlight a sample of the best of those web 2.0 communities, so that attendees can leave with opportunities to continue the learning journey started at NSBA's T+L conference! Participants who attend this session will learn:

- To develop and share a personal definition of technology's role in professional development
- And leave with a "tool kit" of online educator communities
- A plan for an online means of continuing their learning started at NSBA's T+L conference

Excellence in Professional Practice | Powerful Professional Development **407**

Opening Up Options For School Software

Jim Hirsch, Plano Independent School District (TX)

Open technologies are here to stay. Participants will discover what strategies they should use as they consider proprietary versus open source solutions for use in classrooms by teachers and students; and how to embed open collaborative digital environments within a school setting. Case studies that have been implemented such as computer application classes, library automation systems, phone systems and student portals will be shared. Participants who attend this session will learn:

- What options to consider when investigating the use of open technologies in an educational setting
- How open technologies are currently being used in schools
- What professional organizations are thinking in regard to open technologies

Digital-Age Learning Culture | Enrollment:54,000 | Tools for Engagement **404**

exh Securing and Managing Your School Network Amid IT Budget Cut-Backs

Terrisa Metzler, Rob Chambers, Lightspeed Systems (CA)

As threats, regulations, and network usage increase, school network administrators are being required to do more than ever — often with a shrinking budget and minimal resources. Find out how consolidating disparate network management products into one comprehensive solution can save money, simplify management, and improve network security. Discover how you can secure your network against threats, comply with federal regulations, protect users from inappropriate content, and manage network bandwidth with a single, innovative solution. Also learn about innovative solutions for balancing Web 2.0 learning with safety and security, and discover how you can reduce energy costs with automated power management. Total Traffic Control from Lightspeed Systems delivers a comprehensive solution designed specifically for your school network. See for yourself how

school districts across the country are securing their networks, and both protecting and empowering their students, with a cost-saving single solution. Participants who attend this session will learn:

- How a single, comprehensive solution can save time and money — without sacrificing security, safety, or school-oriented features
- How to balance learning and security to ensure that valuable online resources enhance student learning without hindering student safety or network security
- How to ensure compliance with Acceptable Use Policies and federal regulations

Systemic Improvement | Mission Critical IT Management **403**

eMINTS 21ST CENTURY CLASSROOM

Severe Weather: The Human Impact

Denis Knight, Junction Hill C-12 (MO)

The phenomena involved in severe weather is interesting when studied from a distance but it takes on a new meaning from the perspective of what happens to human beings when severe weather strikes. See how middle school students learn about severe weather and its toll on humans in this interdisciplinary session using multi-media learning tools. Participants who attend this session will learn:

- How eMINTS changes how teachers teach and students learn by observing a model lesson taught by a master eMINTS teacher in a simulated eMINTS technology-rich classroom

Digital Age Learning Culture | Tools for Engagement **106**

THORNBURG CENTER SESSION

What Was the Question? The Pursuit of Good Driving Questions in Project-Based Learning

Sara Armstrong, Thornburg Center for Professional Development (CA)

What does it take to engage students in authentic learning, deep understanding, and meaningful expressions of their learning using 21st century skills? Effective project-based learning meets these criteria — and the driving question often makes or breaks the project. We will share ideas for developmentally appropriate questioning strategies for K-12, see examples of engaging projects, and explore the power of project-based learning in today's classrooms. Participants who attend this session will learn:

- And explore the aspects of project-based learning that make it a powerful pedagogical practice
- And will consider the importance of good driving questions for effective projects
- And will also gain strategies for helping students develop their own good driving questions

Digital-Age Learning Culture | Tools for Engagement **108/110**

Roundtables

One-to-One Really Works: Processes, Successes, and Challenges of a One-to-One Computer School

Jennifer Sanchez, Darcy Mentone, Vail School District (AZ)


Empire High School is located in Tucson, Arizona and is a member of the Vail School District. Empire opened its doors in 2005 and is currently in its fourth year of one-to-one computer instruction. The school has developed a unique one-to-one environment and is one of the only schools in the world to have eliminated textbooks in all core classes. Instruction is based on the Arizona state standards and teachers work to capitalize on their own content knowledge and to find technological resources to meet objectives. Discussion will include the one-to-one start-up process, successes and challenges of working in a highly technological environment, and what the future holds for textbook-free instruction at Empire and elsewhere.

Digital-Age Learning Culture Enrollment:12,000  One-to-One Next Steps **402**

Understanding and Implementing Technology Standards for PK - 12

Darlene Rankin, Martha Neva, Katy Independent School District (TX)

Attendees will learn how Katy ISD, a fast growing district just west of Houston, develops technology hardware standards based on curriculum needs and then implements those standards to fit the diverse requirements of each campus. This roundtable discussion will include topics ranging from standard hardware for computers to innovative pieces of equipment such as interactive boards and MP3 Players. Security hardware will be addressed as well as our managed desktops and imaging process. Learn how we work with internal departments and external contractors to accomplish the large amount of work that has to be completed in a short time frame. We will also explore the refresh cycle for computers, IP Phones, copiers, and network equipment. We are excited to discuss our knowledge of opening new schools and refreshing existing ones while listening to how you have also addressed this topic.

Systemic Improvement Enrollment:55,000  Leadership for Innovation **102**

Workshops

20 in the 21st: Web 2.0 in the Classroom

Nancy White, Michael Doub, Lori Hartman, Academy School District 20 (CO)

How can you motivate students and provide powerful learning experiences that require higher levels of thinking, creativity, problem solving and critical thinking? Through a combination of Web 2.0 tools and a methodology for creating lessons and units that are both rigorous and relevant, Academy School District 20 implemented a successful training and mentoring program for teachers to help them learn to use these tools and create powerful learning experiences by applying “D-Quadrant Learning” based on the International Center for Leadership in Education’s Rigor

& Relevance Framework. Teachers participated online in a Web 2.0 Tools in the Classroom course. They learned about Web 2.0 tools including VoiceThread, Wordle, Del.icio.us, podcasts, and RSS. Teachers also created blogs to reflect on their learning, developed a collaborative wiki, and explored digital storytelling and multimedia tools. Sample units and student work will be shared. Participants who attend this session will learn:

- How to implement a professional development program for Web 2.0 tools and 21st century learning in your school or district
- How to motivate students to achieve higher levels of thinking and learning

Digital-Age Learning Culture Enrollment:23,000  Tools for Engagement **112**

Can Online Learning Level the Playing Field for At-Risk Students?

Ida Byrd-Hill, Uplift Inc. (MI), Susan Shubert, Commonwealth Connections Academy (PA)

What kind of promise does quality online learning hold for students at-risk of failing out or dropping out of school? Plenty, in the eyes of these diverse educators from across the country. Hear how these programs have leveraged the technology that virtual learning provides to level the playing field and provide underserved students with the 21st century skills needed for academic success, while addressing the language, connectivity and hardware issues that may remain in low-income, minority and remote communities. Participants who attend this session will learn:

- To understand the characteristics of virtual learning programs that address at-risk needs and learn about diverse program models and instructional strategies in the virtual learning environment
- Experience live demonstrations of the process used to individualize instruction to meet the needs of the diverse learner
- Participate in a small group discussion of how to broaden the virtual learning opportunity for all communities

Digital Citizenship  Technology and the Law **406**


2009 TLN Salute District

From The Ground Up — A Digital Language Arts Curriculum Project Accelerates a Division 21st Century Teaching and Learning Initiative

James Maxlow, Newport News Public Schools (VA)

Learn how one urban school district used a grass-roots classroom effort to begin the transformation of the district into a 21st century teaching and learning environment. Inevitably small but replicable successes must come before resources, support, and funding can become widespread. Participants who attend this session will learn:

- How to build success in one classroom or with one teaching team using limited technological resources
- How to leverage demonstrated success at the classroom level to advocate for increased resources at the building and district level
- How to avoid common pitfalls and deal with inevitable setbacks on the road to district-wide transformation

Visionary Leadership Enrollment:31,000  Leadership for Innovation **104**

exh Kids, Computers, and Connecting: How to Build a School-Community Partnership That Gets Parents and Teachers Talking About 21st Century Media

Emily Hunt, Common Sense Media (CA)

You've spent a lot of time, energy, and money creating a comprehensive and robust technology program for your school or district, but do you know what parents really think about digital media's ability to help students learn important 21st century skills? What you learn might surprise you. Come find out what parents' hopes and concerns about today's new media are, and how to build school-community partnerships that engage parents and teachers in media and technology education programs. The tools and resources shared will help amplify your efforts by getting the whole community on board to raise kids that are safe, smart and ethical media creators and consumers. Participants who attend this session will learn:

- About parental perceptions on the ability of digital media to help kids learn critical 21st century skills, and the impact these perceptions have on parental support of technology programs in schools and districts
- The importance of educating and engaging parents in helping their children grow and thrive in this new media environment
- How districts and individual schools can use Common Sense resources to help establish school-community partnerships and bring teachers, parents, and students together in a dialogue about media and technology

Digital-Age Learning Culture  Tools for Engagement **201/203**

exh Partnering with the Environment: Paperless Agendas are a Win-Win Solution for Communities and the Planet

Ari Ioannides, BoardDocs (UT), Scott Gooding, Westerville City School District (OH), Romona Lewis, Adams County School District 50 (CO)

Hundreds of school boards nationwide are taking the lead in using paperless agenda technology to reduce the impact paper-driven meetings have on the environment. This session will show attendees how the use of low-cost technology tools can reduce our impact on the environment, save districts tens of thousands of dollars annually, and increase the community's access to the activities of the board. Attendees will see first-hand how recent advancements make it easy for even the most technologically-challenged board member to go paperless. Participants who attend this session will learn:

- The impact on the environment and the surprising monetary costs associated with the production and distribution of paper meeting packets
- How to quickly and easily implement a paperless meeting solution
- How much money and resources are saved by going paperless

Excellence in Professional Practice  Tools for Engagement **401**

exh Take Your Classroom Global: How to Use Digital Technology to Improve Students' Global Citizenship and 21st Century Skills

Katherine Walraven, TakingITGlobal (ON)

Information and communication technologies are revolutionizing the way young people live and interact. Learn how teachers are using these tools to promote global citizenship and build 21st Century Skills. Participants who attend this session will learn:

- About TakingITGlobal, the world's most popular online collaborative learning community for youth who want to build a more inclusive, peaceful and sustainable world, and TIGed – its program for educators
- How teachers around the world are successfully and safely using online tools to engage their students in new, exciting, and replicable ways
- How they might employ information and communication technologies within their classrooms so as to help students become technologically savvy, globally minded, and compassionate leaders

Digital-Age Learning Culture  Tools for Engagement **111/113**

9:00 AM-NOON

Workshop

exh School of Podcasting

Kendra Ericson, Heather Chirtea, Eric Bird, Tool Factory, Inc. (VT)

Learn to create podcasts and use all the necessary equipment that will get your students jumping out of their chairs for more! Each attendee receives an Olympus WS series Digital Voice Recorder ideal for daily classroom or field trip recording, Olympus Noise Reduction Microphone, Tool Factory's Simple Guide to Podcasting, a Clip Art Station subscription account, and Tool Factory Podcasting software. Participants who attend this session will learn:

- The basics of how to podcast using Tool Factory's Podcasting software
- Copyright information and acceptable use policies
- How to use a noise-reducing microphone and digital voice recorder

Advance Registration Required: Fee is \$290 without hardware; \$529 with hardware.

Digital-Age Learning Culture  Tools for Engagement **303**

9:30 AM-10:30 AM

Workshops

COME VISIT US IN THE TLN ROOM FOR THIS SPECIAL SESSION
2009 TLN Salute District & 2010 TLN Site Visit

🏠 5 Things That Superintendents & Board Members Should Ask Technology Leaders

John Canuel, Jeffco Public Schools (CO)

Effective 21st century leadership requires a deep understanding of how the tools and information resources of technology should support district initiatives. Superintendents and school board members need to ask the right questions and have an understand-

ing of the types of answers they should receive to ensure that the district is effectively moving in the right direction. Participants who attend this session will learn:

- How a common vision for technology use across district leadership is essential to 21st century schools
- The types of questions leaders should ask the technology leader
- The types of answers that promote effective common visions and mission

Visionary Leadership Enrollment:86,000 Leadership for Innovation **210/212**

Aligning RTI: Implementing a Three-Tiered Intervention System Through a Continuous Quality Improvement Framework to Effectively Close the Achievement Gap

Marsha Spanswick, Brenda LeBrasse, Patsy O'Neal, Colorado Springs D11 (CO)

This workshop is designed for those schools and districts that are ready to get serious about implementing the three-tiered Response to Intervention (RTI) design in a district already embracing a continuous improvement approach. We will examine the specifics of a school implementation including the three-tiered model, selecting the appropriate research based interventions and developing the problem solving process in the Plan-Do-Study-Act format. We will explore the most effective and efficient way to examine the relevant data, using our EASy (Schoolnet) System, schedule appropriate interventions within the normal school day, while keeping all stakeholders, especially parents, as an integral part of this process. Participants will engage in authentic dialogue with other colleagues about how to integrate RTI into their current system. In this interesting, lively, and interactive workshop, participants will gain an understanding of the essential components necessary to develop the initial steps of an RTI implementation action plan. Participants who attend this session will learn:

- About the 6 components of RTI
- About the individual learning plan in our student data and curriculum management system
- The power of involving students in the process

Systemic Improvement Enrollment:30,000 Mission Critical IT Management **407**

How a Virtual Learning Environment Can — And Should — Help Learners

Jeff Borden, Pearson eCollege (CO)

Beyond Web 2.0, Internet based technology can be utilized in various contexts and techniques to encourage learning from all student types. From simulation to collaborative learning, web-based instruction can facilitate learning across generations, gender, and learning preferences. Participants who attend this session will learn:

- About more than 400 Web based resources, most of which are free, which can be utilized to improve their courses
- And hear theory specific to practical strategies for both presentation and assessment

Digital-Age Learning Culture Tools for Engagement **401**

How to Jumpstart Literacy Proficiency and Eliminate the Concept of Low Performing Schools

Donald Aguillard, Bridget Guillot, St. Mary Parish Public School System (LA)

In this workshop, St. Mary Parish Public School System will share step-by-step how it launched a technology initiative to jumpstart literacy proficiency in struggling schools, and help students build the skills essential for learning and reading success. The public school district will demonstrate how schools can successfully accelerate student learning in reading and English language arts, and drive continuous improvement at the student, school, and district levels. Participants who attend this session will learn:

- How to measurably improve reading achievement by developing the student brain to process more efficiently
- Practical strategies to set clear, high expectations for implementation fidelity to achieve a consistent level of program delivery to students
- How to increase state test scores and District Performance Scores, build momentum for continued growth, and eliminate the concept of low performing schools

Visionary Leadership Enrollment:9,800 Leadership for Innovation **403**

eMINTS 21ST CENTURY CLASSROOM

It's In the Synthesis: The Importance of Base Pairs in DNA

Patricia Warner, Worth Co R-III (MO)

Changes in base pairs during DNA protein synthesis can result in serious problems for an organism. Observe high school students as they build DNA molecules and learn the importance of the code. Participants who attend this session will learn:

- How eMINTS changes how teachers teach and students learn by observing a model lesson taught by a master eMINTS teacher in a simulated eMINTS technology-rich classroom

Digital Age Learning Culture Tools for Engagement **106**

Leading the Way for the Next Generation: Preparing School Districts for the 21st Century

Gene Longo, Cynthia Temesi, Cisco (CA)

When it comes to the Internet, Cisco is a leader in collaboration technologies. Attend this session to see how a day in the life of a 21st century student is not a vision of the future but today's reality. Let Cisco help you with vision setting as you and your leadership team plan now for the next wave of education. Participants who attend this session will:

- See how 21st Century Technology is transforming the way students learn, collaborate, and communicate
- Experience the vision of the day in the life of a 21st century student and see how it might fit into your district's plans
- Learn what types of tools Cisco can offer you around vision setting, assessing the current state of your district, and helping you plan for the future

Attendees at each of the eight Cisco sponsored sessions will be eligible to win a Flip Camera; one per session will be given away.

Visionary Leadership Leadership for Innovation **301**

Project RED: Revolutionizing Education — A First Look

Jeanne Hayes, The Hayes Connection (CO), Tom Greaves, The Greaves Group (CA), Leslie Wilson, One-to-One Institute (MI)

Personalized instruction, the long-time dream of many educators, parents, and children, is gaining adherents at a strong rate. Learn how many schools nationwide have committed their whole student body to digital learning. Find out how the theories of Disruptive Innovation are being deployed on behalf of technology. Learn about the latest research from the authors of the America's Digital Schools series, including the five key success factors that create a successful environment, such as teacher involvement in the planning process, ongoing professional development, management buy-in, and more. Participants who attend this session will learn:

- The degree to which digital learning is already deployed nationwide
- About ratings by technology directors of the five key success factors involved in a large-scale enterprise system such as one-to-one computing — also learn how they view the performance of their own districts and which factors need the most improvement
- More about the theory of disruptive innovation as it applies to schools, how outcomes have been received by various practitioners, and what lessons are being re-learned

Visionary Leadership Leadership for Innovation **112**

2009 TLN Salute District

Right in the Middle of Your Hand: Potential Uses of the iPod Touch in the Classroom

Tom Doering, Newport News Public Schools (VA)

A new generation of computing devices are coming on the scene that provide access to a variety of productivity, reference, and communication applications. Apple's iPod Touch provides access to a host of platform-neutral tools that have the potential to have a real impact on the classroom. Participants who attend this session will learn:

- About the features of the iPod Touch and how these features translate into powerful tools for the 21st century learner
- How to access, download, and install free or low-cost applications from Apple's App store, available through iTunes software
- About potential issues with the school IT infrastructure and other potential roadblocks to implementation

Digital-Age Learning Culture Enrollment:31,000 Tools for Engagement **406**

THORNBURG CENTER SESSION

TEAMS: Connecting the Dots across S.T.E.M. and the Arts

Jim Brazell, David Thornburg, Thornburg Center for Professional Development (TX)

TEAMS explores initiatives that are connecting the dots among all disciplines while engaging real world events and issues through student leadership. Explore how these schools, classes and programs are connecting S.T.E.M. and the arts, expanding the definition of educational excellence, increasing transitions to higher learning, creating human capacity to solve the world's big challenges, evolving learning strategies to engage 21st century learners to engage the world with purpose. Participants who attend this session will learn:

- About methods of integrating S.T.E.M. and the arts
- Case studies of model programs
- Transdisciplinary approaches to learning and education

Visionary Leadership Leadership for Innovation **108/110**

Technology Boot Camp: Communities Coming Together

Cristy McBee, Sweetwater School District #1 (WY)

This session will provide information on a technology lab classroom project connecting two neighboring school districts, through three kindergarten classrooms. We will also share information on using handhelds, Bee-Bot robots, iChat, interactive boards, and the Wii game system — all to improve motivation and student achievement. Participants who attend this session will learn:

- How to create a technology program between schools or districts that raise student motivation and achievement
- How to fund and present the technology program to sustain it beyond the first year
- How to use five innovative technologies with students, in all academic areas

Digital-Age Learning Culture Enrollment:4,950 Tools for Engagement **404**

OPEN SOURCE LAB

Ten Common Pitfalls on the Road to Open Source in an Organization

Benoit St-André, Revolution Linux (Quebec)

Because of the low costs associated with Open Source software, people install it easily at home and in their classroom with few problems. Additionally, because Open Source software is promoted by many enthusiasts, who communicate their enthusiasm very well, generalizing Open Source at the organization level seems to be a no-brainer. The problem is that installing software on a computer isn't the same as making it work on dozens or thousands of school computers. Lots of Open Source software initiatives in various places in the education sector led to a failure, and even backfired by getting proprietary software to replace Open Source. This session is about knowing what you could avoid in implementing Open Source in your organization.

Visionary Leadership Leadership for Innovation **103/105**

exh The Digital Language Lab (DiLL)

Rudy Gomez, Scott Russell, Township High School District 214 (IL)

The Digital Language Lab (DiLL) is a software-based program designed for use in the second language classroom. In addition to providing the capabilities of the more traditional language lab, the DiLL lab provides students the ability to individually control their own learning environment so that each individual can work at their own self-determined pace. It also allows teachers to access and review student work online. Participants who attend this session will learn:

- An overview of how the DiLL language lab software functions
- How the software allows students to independently work at their own pace without teacher intervention
- How the DiLL software is used to record student responses for the AP Exam

You are invited to bring your own laptop to participate in this session.

Digital-Age Learning Culture Enrollment:13,000 **U** Tools for Engagement **111/113**

9:30 AM-10:30 AM

Roundtables

Open Source Software in Education: Practical and Productive Strategies

Steve Hargadon, Classroom 2.0 (CA)

Open Source Software programs like Linux, OpenOffice, Moodle, and many more are increasingly being adopted by schools for both practical and pedagogical reasons. We will discuss how much money schools are actually saving by using open source software, and what the trade-offs and hurdles have been when implementing on a broader scale. We will also consider how one-to-one computing and thin-client initiatives are impacted by the Open Source alternatives.

Systemic Improvement **U** Mission Critical IT Management **402**

Perspectives of our “Flat World”: Ed Tech Lessons Learned from China

Bob Moore, Blue Valley School District — formerly (KS), Kari Stubbs, BrainPOP (KS), Matthew G. Castanera, Beauvoir, The National Cathedral Elementary School (DC)

Ni Hao! (Greetings) This roundtable discussion will address the topic of globalization as it relates to education technology in the 21st century. Education technology leaders will share highlights from a recent journey to China through the People to People Citizen Ambassadors Program. Delegates were able to visit schools in China, watch teachers at all academic levels in action, and reflect on their experiences through rich dialogues with Chinese teachers and head masters. Panelists will share the role of technology in education in China — in core curriculum areas, professional development, and the level of technology access that Chinese students have outside the classroom. Panelists will also share information about Chinese history, geography, and culture. Students and teachers are all expected to develop cultural understanding and global awareness in the most recent NETS Teacher and Student standards, as well as the Framework for 21st Century Learning. Take advantage of this unique opportunity to learn from your peers as they share their journey across the world. Come with questions and plan to participate in a rich discussion about our “flat world.”

Digital Citizenship **U** Preparing Tomorrow’s Workforce **102**

10:00 AM-NOON

Mini-Academies

21st Century Skills: Defining, Developing, and Assessing — A Leader’s Discussion

Facilitated by Bernie Trilling, Partnership for 21st Century Skills, Bob Pearlman, 21st Century School Development Consultant & formerly New Technology Foundation (AZ), Rowland Baker, Santa Cruz County Office of Education, Technology Information Center for Administrative Leadership (CA), Stevan Kalmon, Council on 21st Century Learning (CO), Student Panel, Welby New Technology High School (CO)

As the first decade of the 21st century comes to a close, it is appropriate to stop and assess the current state of affairs for 21st century learning. Join the nation’s leading voices as they share their perspectives on what 21st century leadership looks like, what skills and content areas have been agreed upon, and how those skills can be assessed.

A book signing will take place on Thursday, October 29, from 2:30 pm - 3:00 pm in the NSBA Bookstore, Lobby A.

Visionary Leadership **U** Preparing Tomorrow’s Workforce **201/203**

Building for the Future

Deb Moore, School Planning & Management, College Planning & Management (AZ), Sam Miller, KLIPP Architecture (CO), Michael Hall, Fanning Howey Architecture (CO)

With new funds for school renovations and construction, it’s more important than ever to have a clear vision of the education goals and the technology needs that can impact your design decisions. From green choices to “future-proofing” tech decisions, school leaders will see examples to help them explore possibilities and inspire ideas about how to create 21st century learning environments that support their students and their communities.

Visionary Leadership **U** Leadership for Innovation **107/109**

11:00 AM-NOON

Workshops

21st Century Learning with the 3 V’s: Visual, Virtual, and Verbal

Aida Awad, Hank Thiele, Maine Township High School District 207 (IL)

Research tells us that student achievement, engagement, higher order thinking, ability to apply learning to new scenarios, and motivation increase when students interact with information that has obvious connections to the real world. When information is presented to students in ways that allow them to use technology tools to sort, shape, and display it in visual formats, the experience is dramatically enriched. We will introduce the use of GIS, Google Earth, and Word Cloud Generators that help educators reshape the way information is presented across the curriculum and discuss ways these tools are used to meet students’ diverse needs. Participants will see examples of how these tools are used to support visual and textual literacy and numeracy. Examples will include a variety of high interest content and data rich student

experiences and will be the springboard for collaborative and engaging discussions. Participants who attend this session will learn:

- How GIS, Google Earth, and Word Clouds can be used in classrooms and organizations to visualize and analyze information
- How these tools have already been infused into the curriculum across content areas
- How to apply the tools to other learning strategies, methods and situations to maximize the interactions and connections students make

Digital-Age Learning Culture Enrollment:7,000  **Tools for Engagement** [205/207](#)

Developing a Sustainable Cost-Effective Computer Replenishment Plan

Shelley Kooser, Michael Doub, Academy School District 20 (CO)

As students and educators continue to make great strides with 21st century tools, it isn't always easy to ensure that the tools they use are continually funded at consistent intervals. During this workshop we will walk you through the process that Academy School District Twenty implemented to fund technology purchases at consistent intervals. Participants who attend this session will learn:

- Components of identifying your funding source
- What is involved with the purchasing process
- Working with the schools to implement a smooth hardware delivery process

Systemic Improvement Enrollment:22,000  **Mission Critical IT Management** [111/113](#)

District Goals: Are you Maximizing Your Potential?

Jill Filer, Harrisonville Schools (IL), Joshua Naquin, Assumption Parish School District (LA) Bill Reynolds, Josh Joiner, SchoolCenter (IL)

This session will share expert advice and recommendations on successfully achieving the most commonly identified district goals. This session will also be an opportunity to discover the only research-based site plan including site analysis, mapping, reconstruction, and a revolutionary website blueprint to meet and measure district goals and progress. Participants who attend this session will learn:

- Effective methods to achieving the top priority district goals
- A systematic approach to redefining district expectations for the web
- Consistent quantitative and qualitative measures of progress for the first goal-driven website plan in the country

Visionary Leadership  **Leadership for Innovation** [407](#)

Effective Communications Systems for Schools

Brent Byrnes, Cisco (CA) Susan Gadua, SchoolMessenger (CA)

Unified Communications provides schools with a single IP-based communication system for advanced voice services with telephony, paging, voicemail, applications for broadcast messaging, parental notification and more. The discussion will include real-world examples of districts that are using Unified Communications to improve communications, enhance safety and security, and reduce costs. Participants who attend this session will learn:

- What Unified Communications is
- Why it is better than managing multiple, separate systems for voice, data, paging, mass notification, etc.

- How other schools and districts are benefitting from Unified Communications to improve administrative efficiency, enhance safety and security, and reduce costs

Attendees at each of the eight Cisco sponsored sessions will be eligible to win a Flip Camera; one per session will be given away.

Excellence in Professional Practice  **Powerful Professional Development** [301](#)

Freshi Video Game Design and Development

Suzanne Shoemaker, Jason Medbury, Freshi Films, LLC (CA)

Do you want your students to be the first in their school to learn to make computer games? Don't you want to be the first in your district to have students learn math, logic, and programming while having fun? Freshi Video Game Design allows students to develop, design, and debug their own video games for their PC or the Web. Harnessing the awesome power of Multimedia Fusion 2 (MMF2) and a great new Freshi curriculum, kids can now explore their ideas entirely interactively without having to spend the time to learn actual source-code based programming. Participants who attend this session will learn:

- To use the game design software and understand the terminology and process of starting a game
- The baseline theory in game planning
- A point-by-point walk through of what it takes to design a professional video game

Digital-Age Learning Culture  **Tools for Engagement** [404](#)

How to Help At-Risk Students Gain the Confidence, Focus, and Skills to Become Effective Readers

Deborah Kolonay, Penn-Trafford School District (PA)

How did one school district help at-risk students become effective readers and change the thinking of students, staff, and parents about reading? In this workshop, Penn-Trafford School District will explain how technology can bridge the gap between students and teachers in the classroom, and help students gain the confidence, focus, and skills to become successful readers. Participants who attend this session will learn:

- How to help students improve the underlying cognitive skills required for effective reading and learning by unifying proven curriculum with computer-based brain fitness exercises
- Strategies and tips for implementing and expanding a technology implementation district-wide
- How to stimulate positive changes in the behaviors and attitudes of students and staff, increase attendance, and improve academic performance

Digital-Age Learning Culture Enrollment:4,378  **Tools for Engagement** [403](#)

It's All About Supply & Demand: Supply & Demand Management Strategies for Mission Critical IT Operation

Len Scrogan, Boulder Valley School District (CO)

It's economics 101 applied to the operation of IT departments — through the lens of supply and demand. We will identify concrete strategies for bringing your department into balance and equilibrium in terms of supply and demand management. This also helps improve the customer experience by minimizing the performance gap so often experienced by IT organizations. This

session will use clickers to assess current expertise as well as small group discussion to share additional participant-identified strategies. Participants who attend this session will learn:

- How to manage the supply and demand side of their IT operations
- Concrete strategies for managing planned and unplanned work
- How to survive and thrive in a technology environment

Systemic Improvement Enrollment:28,000
 U Mission Critical IT Management **406**

eMINTS 21ST CENTURY CLASSROOM

M&M's in Space: Learning about Gravity

Lori Mathys, Rockwood R-VI (MO)

In space, astronauts are faced with the challenge of zero gravity. Watch as elementary students learn complex concepts related to space travel and gravity as they work in teams to design an M&M dispenser that would work in space. Participants who attend this session will learn:

- How eMINTS changes how teachers teach and students learn by observing a model lesson taught by a master eMINTS teacher in a simulated eMINTS technology-rich classroom

Digital Age Learning Culture U Tools for Engagement **106**

OPEN SOURCE LAB

Panel Discussion: The State of Open Source in Education

Steve Hargadon, Elluminate (CA), Benoit des Ligneris, Benoit St-André, Revolution Linux (PQ), Randy Orwin, K-12 Open Source Help (WA), Kevin McGuire, Michigan City Area Schools (IN)

Which schools and districts are using open source software, how is it making a difference for them, and what lessons have they learned? The purpose of this panel discussion is to provide real-world information from curricular and technology personnel on their implementation and use of Open Source Software in K-12. We'll look at large-scale infrastructure projects, desktop hardware deployments, and software application use, with an emphasis on what has made implementation successful and what the financial and educational results have been.

Visionary Leadership U Leadership for Innovation **103/105**

exh RTI Vendor Collaboration Benefits for School Districts: What Happens When Major Vendors Come Together to Create Comprehensive RTI Solutions

Sage Ann Scheer, EDmin (CA), Mark Vineis, Mondo Publishing (NY)

When major vendors come together to collaborate on a solution based upon client input, school districts and students benefit! This session shows how Mondo Publishing and EDmin collaborated on a powerful, easy to use, and research-based solution for RTI targeting K-5 reading. Participants who attend this session will learn:

- How a web-based reading interventions program can be implemented to produce positive reading achievement gains
- How RTI standards-based assessments and reporting can provide data for both whole group and small group instruction and achievement results
- What type of Professional Development strategies need to be employed for success

Systemic Improvement U Leadership for Innovation **405**

exh The Communications Imperative: Tools to Meet a Community's Growing Demand for School Information

John Raymond, PowerIT, LLC (CT)

Parents want to know everything, all the time. This session will demonstrate how several school districts are meeting the growing desire for school information by adopting a variety of cost-saving web-based solutions tailored for a K-12 environment. Participants who attend this session will learn:

- Practical ways to make all (or nearly all) communications electronic
- How new web-based technologies help districts achieve their communications goals while cutting costs
- How engaging 3rd party companies for some technology functions can make in-house technology staff more productive

Visionary Leadership U Tools for Engagement **401**

THORNBURG CENTER SESSION

The Network is the Computer: The Changing Direction of Classroom Computing

David Thornburg, Thornburg Center for Professional Development (IL)

This presentation explores the promise of modern educational computer use. With powerful "netbooks" selling for little more than the cost of paper textbooks, and the rapid development of amazing web-based services, the face of classroom practice is poised for a dynamic change. Participants who attend this session will learn:

- How cloud computing is coming into existence
- How cheap computers will transform education
- How online services provide educational resources of tremendous value

Visionary Leadership U Leadership for Innovation **108/110**

COME VISIT US IN THE TLN ROOM FOR THIS SPECIAL SESSION

2010 TLN Site Visit

exh Using New Tools to Engage, Motivate, and Meet the 21st Century Challenge

Marianne Hauser, Kim Park, Fayetteville Public Schools (AR)

This session will explore how technology is being used to gain back valuable instruction time and to reach students outside of the classroom and outside of the school day. This session will also challenge a commonly held belief that students' engagement with technology is merely the result of novelty. Participants who attend this session will learn:

- How to use Web 2.0 tools to engage, motivate, and authentically assess
- How to extend classroom time on task beyond the school day
- How authentic student tasks can be enhanced through classroom technology use

Digital-Age Learning Culture Enrollment:8,500 U Tools for Engagement **210/212**

The Virtual Learning Magnet for Space Science and Mathematics: An Idea Whose Time Has Come

Thomas Welch, Linda Pittenger, CCSSO (DC)

CCSSO has established a Virtual Learning Magnet (VLM) for Space Science and Mathematics to meet the emerging needs of the education system and the challenges of a new era. The VLM is designed to allow any student anywhere to reap the benefits of the most rigorous, exciting, and engaging magnet program focus and stay enrolled in his/her "sending school". Participants who attend this session will learn:

- Components behind CCSSO's Virtual Learning Magnet and how the initiative is attracting high profile partners such as NASA and the Smithsonian
- How students from any local district will be provided with opportunities to supplement local opportunities with those of the VLM and how local businesses and individuals can play a role in developing the 21st century skills of America's future workforce
- How the nation's Chief State School Officers are leading the effort for unprecedented cooperation which will eventually benefit students in every district in the country

Visionary Leadership Preparing Tomorrow's Workforce **104**

SO Web 2.0 in Schools: Fad, Folly, or Future?

James Bosco, Keith Krueger, Consortium for School Networking (CoSN) (DC)

In the past couple of years Web 2.0 has become increasingly prevalent in conversations about educational technology in our schools. It is clear that Web 2.0 applications have become very important in the lives of young people. What are — and what should be the implications — of these new Web 2.0 applications for school programs and practices? Is Web 2.0 just the latest buzzword? Should schools be "Web 2.0 free zones?" Participants who attend this session will learn:

- A working understanding about what research has revealed about the use of Web 2.0 in the lives of young people and the issues confronting the use of Web 2.0 in schools
- Greater awareness of the ways in which school districts are dealing with Web 2.0 in policies and practices pertaining to teaching and learning programs and practices
- Recognition of specific valuable and relevant resources that can be of use when back on the job

Visionary Leadership Tools for Engagement **112**

11:00 AM-NOON

Roundtables

2009 TLN Salute District & 2010 TLN Site Visit

Mash-up and Remix in the 21st Century Classroom

Dan Watkins, Jeffco Public Schools (CO)

The collage of our day is the mash-up and remix of our students' world. Students treat media as their personal palate. Ownership means little — sound, image and video are just bits they use for self-expression. Today's youth like publishing their thoughts digitally outside of school with music remixes and video mash-ups. They publish their work to YouTube and the web. If we can harness this passion for digital creation in the classroom it can help our students

learn more deeply while helping them develop critical communication skills for life in the 21st century. Our question is — Do we ignore their uses of media to make their own creations, punish efforts or try to harness and guide this trend? Educators need to look at this topic again and incorporate works using the Creative Commons license structure. We feel there is room to allow students to construct knowledge using digital media for a variety of curricular subjects.

Excellence in Professional Practice Enrollment:84,000

Leadership for Innovation **102**

12:15 PM-1:45 PM

Showcase Luncheon

LT1: Emerging Technology Luncheon Address: Brain-Computer Interface Technology Meets Education

Stanley Yang, Tansy Brook, NeuroSky (CA)

Stanley Yang, CEO of NeuroSky, Inc., will introduce the latest cutting-edge technology, Brain-Computer Interface (BCI) technology. BCI technology has been in the medical field for a number of years, helping patients who suffer from debilitating diseases, such as Locked In Syndrome and cerebral palsy, to communicate with the world around them. Leveraging cutting-edge science and engineering, NeuroSky has created Think Gear, a cost-effective, user-friendly technology that can benefit a number of industries, including education, toys, video games, health and wellness, etc. Come learn what BCI can mean to education and your life.

Advance registration is required, \$35 per participant.

Visionary Leadership Tools for Engagement **Ballroom 1**



Yang

12:15 PM-1:45 PM

TLN Salute and Arts Spotlight Luncheon

This event honors the 2009 Salute districts and Arts Spotlight student winners. These are the districts where innovative technology applications have made substantive contributions to student achievement and school operations. This luncheon is attended by past and present Salute districts and current Arts Spotlight recipients and is an invitation-only event.

Hyatt Regency, Centennial ABC

Workshops

 **50 Sites in 60 Minutes****Mark Garrison, Minnetonka Public Schools (MN)**

Technology really can improve your life! We will explore 50 web-sites you never knew you needed and learn how to use them in your classroom and beyond. Communication tools, converters, music, pictures, attention getters, information and much, much more! Participants will be empowered to harness some of the best resources available on the Internet and put them to use in their classrooms. Nearly all of the sites are free. They all innovate, rethink, inform, and amuse. Come ready to have fun and bring your favorite sites to share. Participants who attend this session will learn:

- About websites that innovate
- About websites that rethink
- About websites that inform and amuse

Excellence in Professional Practice Enrollment:7,700  **405** **Becoming 21st Century Ready****Courtney Pederson, Atomic Learning (MN)**

It is impossible to miss the growing emphasis on 21st century skills. Educators know that they are important, but what does it really mean? Join us for a discussion to discover what 21st century skills are, how they are impacting education and how districts can address 21st century teacher training. This will be a working session and participants will walk away with their own professional development plan. Participants who attend this session will learn:

- The meaning of 21st century skills
- The impact 21st century skills have on education
- How create a 21st century skills professional development plan

You are invited to bring your own laptop to this session.**Excellence in Professional Practice**  **111/113** **Breaking Down the Walls: Using Online Learning to Reach The Underserved****Beverly Knox-Pipes, Genesee Intermediate School District (MI)**

Breaking down the walls of traditional schooling is what Genesee County schools – through the leadership of GenNET – have been doing for over ten years. This session will outline how distance learning – especially online learning – is transforming traditional education at the secondary level. Learn how innovative leadership has created the first countywide Seat Time Waiver using online courses to allow students to “school” 100% online. Participants who attend this session will learn:

- How to incorporate online learning into traditional schools to serve students
- How to collaborate to create opportunities for students using distance learning
- What is required to make online learning successful

Visionary Leadership Enrollment:78,000  **102** **Bringing It All Together: How Centralized Asset Management Can Reduce Costs and Improve Service to Students****Janis Barton, Walla Walla Public Schools (WA)**


National studies indicate that asset loss and damage is costing American public schools nearly \$14 billion dollars annually. One emerging use of technology is to improve the learning environment by making sure educational resources are more efficiently and equitably used in the district. Districts are increasingly looking for ways to conserve budget resources while improving student outcomes. Technology can play a central role in this process, by allowing for integrated educational resource and information management. This presentation gives real world examples of how the Walla Walla Public Schools has adopted this important technology and is putting it to work to make resource management more effective. Participants who attend this session will learn:

- The benefits of centralizing district asset management, both in terms of saving budgetary dollars and improving educational services to students
- The technologies available for simplifying the task of centralized asset management and making it more effective
- Staff training and organization changes needed to fully implement centralized asset management

Systemic Improvement Enrollment:6,000  **403** **Career Hub: A Place for High-Tech Career Development in the Mall****Melany Stowe, Henry County Schools (VA)**

As an outgrowth of Henry County Schools' current career development program, the school system operates Career Hub at Liberty Fair Mall. Utilizing a storefront at the local mall provides readily accessible services in a low-stigma setting. Various community agencies and businesses provide many of the costs for the space including: rent, furniture, and some programming costs. This initiative enhances the school division's mission to “apply the unique and diverse talents of each student” and increase the on-time graduation percentage. Participants who attend this session will learn:

- How to implement a successful career development/high-tech program off-site
- How to utilize business partnerships to pay for the off-site programming
- The details that transform a storefront into a high-tech learning environment

Digital-Age Learning Culture Enrollment:7,800 **107/109** **Creating and Sustaining the Mission Critical IT Infrastructure****Keith Bockwoldt, Rudy Gomez, Brian Dichter, Township High School District 214 (IL)**

Successfully managing the relationship between business operations, information technology, and technology education is a daunting task faced by school districts in the 21st century. Creating and Sustaining the Mission Critical IT Infrastructure is a practical guide to give you keen insights and useful lessons to integrate winning solutions to keep your mission critical IT infrastructure running effectively. Participants who attend this session will learn:

- What it takes to evaluate a school district's IT organization
- How to plan for a mission critical IT infrastructure
- Implementing and sustaining a mission critical IT infrastructure

Systemic Improvement Enrollment:13,000
U Mission Critical IT Management **201/203**

exh Curing Your Student Email Headaches

Ryan Keag, Gaggle.Net (IL)

A special kind of learning takes place when students interact via email. Obvious learning activities include writing and typing, but there are other less obvious opportunities as well. Email can help your students improve their literacy skills, increase their achievement on standardized tests, and enhance their interpersonal exchanges. Gaggle.Net makes it easy for you to provide both a safe and educational experience with email. Come learn why thousands of districts are saying YES to safe, student email! Cure your student email headaches with Gaggle.Net and learn how content filtered email for your students can be absolutely FREE! Explore facets of utilizing student email and learn about implementing, managing, and integrating this powerful communication tool into your school. Hear about liability issues schools face and leave with new insights on safety and compliancy issues. Learn how this evolving technology CAN be easily, and safely, integrated into your existing curriculum. Participants who attend this session will learn:

- Safe student email practices
- Technology compliance issues that districts face, and how to address them
- The benefits of 21st century learning

Systemic Improvement **U** Technology and the Law **401**

exh Differentiated Instruction in the 21st Century Classroom: Teaching EVERY Student with Standards-Aligned Digital Resources

Joel Petersen, netTrekker (OH)

Today's digitally native students are demanding that they be taught in the same way they receive the bulk of their daily information and entertainment – electronically. Where do educators turn to find the digital resources they need to engage students, support the teaching of core concepts, 21st century learning, and differentiated instruction? Using netTrekker, educators can search over 300,000, standards-based digital resources, organized by grade and readability level to find the right resources for every student, every time! Participants who attend this session will learn:

- How incorporating digital content into their teaching and learning can engage their digitally native students in learning
- How by using digital content, they can more easily incorporate 21st century lessons and learning skills into their core-subject lessons
- How netTrekker can help them quickly and easily find standards-based, educationally relevant digital content to support differentiated instruction to meet the unique learning needs of EVERY student in their classroom

Digital-Age Learning Culture **U** Tools for Engagement **406**

exh Engage Your School District with Technology!

Kathy Rains, Madison City Schools (AL)

Learn from district leaders and board members how they leveraged open source software, students with their own web-enabled devices, and teachers with a passion for incorporating technology into the curriculum to engage students in learning. The web-based, collaborative tools and the open network supporting students with their own notebooks and laptops have provided the hook to have students engaged in learning and resources in use 24 hours a day, seven days a week. Participants who attend this session will learn:

- To identify the steps necessary for providing safe access to Web 2.0 collaborative tools for students
- To identify open source software to help defray the typical expenses associated with providing technology resources for students
- Measures to take in developing policies and securing network resources to safely allow students to use their own web-enabled tools

Visionary Leadership Enrollment:8,400 **U** Tools for Engagement **112**

Equipping Every Learner for the 21st Century

Gene Longo, Cynthia Temesi, Cisco (CA)

Join us for a lively presentation and conversation on Education 3.0- the next generation of educational thinking- a vision of global education transformation that empowers learners to thrive in the 21st century. Participants who attend this session will learn:

- What Education 3.0 is and how their district can begin working towards a 3.0 system
- Concrete examples of how two schools/districts are applying these principles
- About what Cisco is doing around transformation and 21st century learning

Attendees at each of the eight Cisco sponsored sessions will be eligible to win a Flip Camera; one per session will be given away.

Visionary Leadership **U** Leadership for Innovation **301**

exh Grant Writing for Beginners! Opportunities and Tips

Kendra Ericson, Heather Chirtea, Eric Bird, Tool Factory, Inc. (VT)

Get your school noticed! Join us for an overview of various grant programs and learn effective strategies for winning more grants for your school. Participants who attend this session will learn:

- About libraries of resources that will help you identify federal, state, and corporate grant opportunities
- How to craft your funding request so that it matches the grant's funding objectives
- How to avoid common mistakes made when applying for grants, and get guided tips from the former judges

Systemic Improvement **U** Leadership for Innovation **303**

exh How Leading Districts Put Their Website to Work: Building Community Morale, Increasing Parent Involvement, and Improving Student Achievement

Margery Abrams, Edline (IL), Roger Prietz, Matteson School District 162 (IL), Kim Cavanaugh, Palm Beach County School District (FL)

Make your website your community's main destination, resulting in greatly increased parent involvement, the key to student success.

See how Palm Beach and Matteson 162 use Edline to easily publish comprehensive information and home access to essential resources previously unattainable. These districts publish critical information such as grades and attendance, and provide homework, class and team news, meeting schedules, interactive assignments, discussion boards and calendars to their Edline website. With a single sign-on to Edline, students use the resources at home without needing multiple logins. Participants who attend this session will learn:

- How to engage parents in their children’s learning activities — which drives student performance, not just awareness of grades and attendance
- How to reduce paper-based operating and have a two-way dialogue that results in high community morale, saves teacher time, and furthers learning efficiently in a cost-effective manner
- How to optimize value from your text books and subscription services by providing home access to essential resources such as textbooks, homework activities and subscription services

Visionary Leadership  Tools for Engagement **104**

exh Informative Assessment: Collecting Data and Program Information and Using It to Drive Classroom Instruction and Campus/District Decisions

Melissa Rowe, Grand Prairie ISD (TX), David Shea, D2 Data Driven Software (TX)

Through interactive discussions, participants will see assessments from a perspective other than summative multiple choice tests. Participants will also learn about the features and benefits of a web-based data management system that uses a variety of methods for collection of student responses, teacher observations, and program information. Participants who attend this session will learn:

- How informative assessments can be used to provide focused instruction to meet individual needs of all students
- The benefits of a web-based data management system to track data from informative assessments
- How the use of informative assessments and the data management system can be implemented with current or future practices in their own district

Systemic Improvement Enrollment:26,000  Mission Critical IT Management **407**

New Learning Environments for 21st Century Learners

Bob Pearlman, 21st Century School Development Consultant & Former Director of Strategic Planning, New Technology Foundation

Students of the 21st century in the US, the United Kingdom, and elsewhere, need a richer secondary school experience that connects them to the real world, real work, and quality relationships with teachers and adult mentors in the workplace and the community. Teaching and learning also need to be totally redesigned to enable students to master 21st century knowledge and skills. The opportunity to build a new secondary school and redesign classroom learning environments poses a serious challenge and opportunity to school boards and educators everywhere. What kind of learning, and teaching, is appropriate for students of the 21st century? What kind of classroom learning environments and facilities will support and enhance the education of today’s and tomorrow’s students? Participants who attend this session will learn:

- Through stories and videos, Pearlman will take you on a virtual tour of several of the most innovative new secondary schools in the US and the UK

- About the new learning environments and the new language of school design that characterizes these new and re-designed secondary schools

Digital Age Learning Culture  Leadership for Innovation **404**

OPEN SOURCE LAB

Open Source? What is This Thing and Why Would I Want to Use It?

Randy Orwin, K-12 Open Source Help (WA)

This session is targeted to district leaders who are considering the use of open source in their school or district. Topics of discussion will include a generic definition of what open source is with a brief overview of the GPL license, the benefits of using open source, including cost savings, and some tips on starting an open source implementation in your school or district.

Visionary Leadership  Leadership for Innovation **103/105**

eMINTS 21ST CENTURY CLASSROOM

Plate Boundaries: Google Earth and Science

Denis Knight, Junction Hill C-12 (MO)

Earth’s landform images are the result of a surprising number of different forces. See how middle school students use Google Earth and other technology tools to learn about the origin of various landforms. Participants who attend this session will learn:

- How eMINTS changes how teachers teach and students learn by observing a model lesson taught by a master eMINTS teacher in a simulated eMINTS technology-rich classroom

Digital Age Learning Culture  Tools for Engagement **106**

Sliding Into 21st Century Learning: Professional Development for Administrators

Robert Andrzejewski, Sam Golder, Red Clay Consolidated School District (DE), Amy Gordon, High Five Learning (DE)

Leaders from one school district decided it was time to move forward into the 21st century. The superintendent set the expectations for all building administrators, expectations that incorporated district instructional initiatives integrated with 21st century learning themes. Participants will hear from educational leaders involved in the design and implementation of a professional development program to produce 21st century building administrators. Participants who attend this session will learn:

- The required elements within a district’s infrastructure to incorporate a plan for change and receive an overview of the professional development activities conducted with principals
- A wealth of Web 2.0 and other technology tools seamlessly integrated and modeled as part of the professional development delivery
- Evidence of success and challenges presented by the superintendent, professional development designer, and a building principal

Visionary Leadership Enrollment:17,500  Leadership for Innovation **205/207**

COME VISIT US IN THE TLN ROOM FOR THIS SPECIAL SESSION

2009 TLN Salute District

The Power of the Collaborative Classroom

Tom Doering, Newport News Public Schools (VA)

Orator...Professor...Instructor...Facilitator. All are “trendy” names for teachers at some point in history. Yet, in our 21st century schools, perhaps the most important title for today’s teacher is that of “collaborator.” This session will identify strategies and technology tools that can enhance the power of the human network by promoting collaboration inside your classroom, your school, your community, and the world. Participants who attend this session will learn:

- About the power of the collaborative classroom in the 21st century learning environment
- How to use a variety of online tools to promote collaboration inside and outside the classroom
- How to cultivate a collaborative environment in their classroom

Digital-Age Learning Culture Enrollment:31,000  Tools for Engagement **210/212**

THORNBURG CENTER SESSION


They Snooze, You Lose: Strategies for Successful Presentations

Lynell Burmark, Thornburg Center for Professional Development (CA)

How can we transform our presentations from boring slideshows into indelible instruction? Review the compelling research on presentation strategies that can increase retention and recall by 46% and boost transfer of learning a whopping 89%! Come discover this veteran author, educator, and presenter’s insider tips, tools, and free resources. Experience the impact of images + music + voiceover narration. Learn why YouTube might just be your new best friend. Discover the power of certain colors and where to use them in your presentations. Consider adding music as a powerful conduit for instruction. Make your points with images. Incorporate humor! Replicate the activities in this session to guarantee peels of laughter from your audience. Get advice from a long-time tech director on LCD projectors. Meet Algo, Edward, and Roger whose talent, wisdom, and programming genius can transform your slideshows into breathtakingly beautiful, academic dynamite. Participants who attend this session will learn:

- To commit to setting a higher standard for yourself and your students, knowing that presentations must be more than information dumps but must also expand the mind, uplift the spirit, and equip the audience to take action and change for the better

Excellence in Professional Practice

 Powerful Professional Development **108/110**

2:30 PM-3:30 PM

Roundtable

Beat Technology at its Own Game: Winning the Competition for Kids’ Minds

Frank Kelly, Shannon Buerk, SHW Group (TX)

Let’s face it. Today’s kids are different. Their toys, cell phones, computers, and TVs have changed the way they process information and the way they want to engage in the classroom. Technology is so influential in their lives, we call them Digital Natives. This generation programs their parents’ cell phones and cameras, debug the computers and spend hours on Facebook. According to author Marc Prensky “by age 21, students have spent 5,000-10,000 hours on video games, 10,000 hours on their cell phones, 20,000 hours in front of the TV, but less than 5,000 hours reading books” and “students are sending 6 billion text messages a day, many from the classroom”. The good news is we compete for our kids’ minds in lots of different ways. From the design of learning environments, to integrated technology, to flexible spaces and beyond, educators have options to engage students. This session takes a Crossfire-like look at both high-level education philosophies and on-the-ground application. Our education pundits include well-known author, columnist and presenter Frank Kelly, FAIA, and specialist and education strategist Shannon Buerk. .

Digital-Age Learning Culture  Leadership for Innovation **402**

3:45 PM-5:15 PM

General Session

Four Seasons Ballroom 2-4

Presiding:

C.H. "Sonny" Savoie, President, NSBA

Arts Spotlight:

The Student Electronic Music Composition Search: Sponsored by MENC: The National Association for Music Education

20 To Watch Educators' Reception

Technology Leadership Network Salute: Cullman City Schools (AL)

Gene Broderson, Director, National Affiliate Services and Technology Programs, NSBA

Keynote Address

Hosted by NSBA and the Kauffman Foundation
Innovation, Technology, and Going to Scale

Discussion facilitated by Dennis Cheek, Former VP of Education, Ewing Marion Kauffman Foundation

Education and business innovators will offer a look into the future of American education. This lively discussion will explore strategies for increasing the pace of educational innovation, ways that technology can contribute to its success, and insights on how to implement these innovations, or "take them to scale."



Cheek

Facilitator:

Dennis Cheek

Dennis Cheek is a Senior Fellow and former Vice President of Education at the Ewing Marion Kauffman Foundation. He has been a VP at another large foundation, administrator in two state departments of education, university professor, state superintendent for nine area career and technical centers, district curriculum developer, high school science department chair, and middle and high school science and social studies teacher. He has authored, edited and contributed to over 800 publications and multimedia products.

Panelists:

Jean Hendrickson, Executive Director of Oklahoma A+ Schools

Jean Hendrickson is the executive director for Oklahoma A+ Schools®. She is responsible for overseeing the development of the network across the state, as well as for participating in the larger, national network and international partnerships. She states that her first-hand experience with the power of the A+ process and its effect on children and adults contributed greatly to her preparation for her role as executive director which she has held

since 2003. She has traveled across the country and the world as a spokesperson and advocate for creative, innovative teaching and learning as framed by the A+ Essentials™.

Paul Kelley, Founder and Headmaster of Monkseaton High School in the UK

Paul Kelley is Head of Monkseaton High School in England and CEO of the country's first 'Trust School' — a charity with partners Microsoft, universities and the government — that works to introduce educational innovation. As a result, students in over 2,000 UK schools now benefit from a range of courses. He leads new fundamental research into learning that has been reported world-wide.

Kathy Christie, Chief of Staff at ECS

Kathy Christie serves as chief of staff for the Education Commission of the States. In addition, she co-directs the work of the ECS Clearinghouse, where staff collect and analyze research, track state education policies, and analyze the various reforms across the states. Prior to her time at ECS, Christie worked as a freelance writer, a secondary language arts teacher, a juvenile detention center counselor and was elected to three terms as a school board member.

Brad Feld, Co-founder of the Foundry Group

Brad has been an early stage investor and entrepreneur for over 20 years. Prior to co-founding Foundry Group, he co-founded Mobius Venture Capital and, prior to that, founded Intensity Ventures, a company that helped launch and operate software companies and later became a venture affiliate of the predecessor to Mobius Venture Capital. Brad is a nationally recognized speaker on the topics of venture capital investing and entrepreneurship and writes widely read and well respected blogs at www.feld.com and www.askthevc.com.

8:00 PM-11:00PM

TLN Special Event Glitz, Glamour, Old Hollywood

Lights, glamour, red carpet, and paparazzi are just the beginning! It's Halloween and time to dress as your favorite Hollywood star. The glitz, the glamour, and you in the spotlight! This party is all the stuff that makes Old Hollywood sparkle. Costumes welcomed but not required.

Free for TLN districts, \$38 for others. Tickets must be purchased in advance from the Registration Desk for all non-TLN district attendees by 4:00pm on Thursday, October 29.

Location: Sherman Street Event Center, Denver; shuttle bus service will be provided.

THURSDAY PM



School District Workshop



Exhibitor Workshop



Supporting Organization Workshop



Critical Issues

NATIONAL SCHOOL BOARDS ASSOCIATION'S TECHNOLOGY LEADERSHIP NETWORK