

# thursday, october 21

## schedule at-a-glance

7:00 AM – 4:00 PM

Registration

8:00 AM – 9:00 AM

Breakout Sessions

8:00 AM – 9:15 AM

TEDx TLN

9:30 AM – 10:30 AM

Breakout Sessions

10:30 AM – 1:30 PM

Exhibit Hall and Excellence Fair –  
Exclusive Hours

10:30 AM – 3:30 PM

Exhibit Hall Open

11:30 AM – 1:00 PM

Showcase Luncheon

1:45 PM – 3:00 PM

Breakout Sessions

3:00 PM – 3:30 PM

Break

3:30 PM – 4:45 PM

Closing General Session

## 8:00 AM - 9:00 AM

### Breakout Sessions

\*ONE DISTRICT'S STORY\*

#### Analyzing District Readiness for Effective Technology Integration

*Craig Tunks, Monroe Public Schools, (CT)*

We spend thousands of dollars on new software, updating computers and providing professional development and still NO ONE USES the technology! What if we could find out what technology is being used, by whom and for how long? Hear from district leaders about how they are able to analyze the technology usage at their district to make data-driven decisions that help them effectively integrate the RIGHT technology for their users.

Education Technology Policy and Leadership **Room: 227B**

#### Are Your Classrooms Filled with Technology or Technology Infused?

*Ashley Porter, Donna Nugent, Jane Bovalino, and Rodney Bobin,  
Big Beaver Falls School District, (PA), and Todd Allen, Geneva  
College, (PA)*

Learn how one district has transformed their learning environment into complete integrated technology centers within every high school classroom. See the methods that allow every high school teacher to integrate technology completely into their curriculum without the headaches of mobile carts or the use of a computer lab. See video examples and learn techniques that can be implemented in your own district.

Creating and Supporting Learning Environments **Room: 224AB**

\*ONE DISTRICT'S STORY\*

#### Connect, Communicate, Collaborate!

*Therese Laux, Omaha North High Magnet School, (NE)*

Today's generation blends technology and creativity together every day. Let's build on this to make a connection with students and create an environment where learning is active. See how one Magnet School makes this happen with a "Music and Media Technology" program. See how they have engaged community members, created school to work connections, and given students learning opportunities that are relevant to their lives.

S.T.E.M. **Room: 221ABC**

\*TLN ROOM\*

\*STUDENT VOICES\*

### Creative Capacity Building for 21st Century Schools

*Jeff Billings, Paradise Valley USD, (AZ), Sylvia Martinez, Generation YES, (WA)*

This session will focus on building capacity for technology inside your own district with an innovative partnership between teachers and students. This model, called GenYES, is a research-based model that can be adopted by any school to teach students how to become allies and advocates for 21st century classroom technology. Participants will learn the research and methodology behind the GenYES model and how it can be applied to their schools.

Creating and Supporting Learning Environments **Room: 222BC**

### Data Systems: Align Instruction, Improve Business Practices & Increase Efficiency

*Jill Abbott, SIF Association, (DC)*

Using SIF (Schools Interoperability Framework) open technical specification, schools, districts and vendors have been able to improve data and business processes, reduce costs, improve staff efficiency, implement IT better, provide a secure environment for data, reduce data entry, increase student achievement, increase funding opportunities, and provide more sophisticated data analysis.

Creating and Supporting Learning Environments **Room: 126ABC**

\*2010 TRAILBLAZER RECIPIENT\*

### Doing More With Less: Reaping the Benefits of Multi-District Collaboration

*Judy Minor and Rosemary Gonzalez-Pinnick, Township High School District 214, (IL)*

Learn how Illinois's second largest high school district utilized a variety of results-oriented methods to better connect collectively with all seven of its feeder elementary districts and its local community college. Discover how to devise PreK-16 articulation links across multiple districts in such areas as curriculum, instruction, assessment, technology, and professional development resulting in greater alignment of resources and overall student academic gains.

Professional Development Communities **Room: 123**

\*CISCO CORPORATE ROOM\*

### Education 1-2-3: Preparing Students for the 21st Century

During the Agricultural and Industrial ages education and work were closely aligned. In the 21st Century, are we preparing our students for the jobs of the future? We will explore the past and present, and share ideas you can take back to your district to begin your transformation journey.

**Room: N223**

\*ONE DISTRICT'S STORY\*

### Expanding QZAB Funds Effectively for Equipment and Technology

*Pete Baccile, Classlink, (NJ)*

Do you know that your district could be missing out on thousands of dollars? Join district leaders from Hornell City School District as they divulge little known facts about QZAB and dispel any myths that are out there. Learn the ins and outs of the available funding and, most importantly, how you can take advantage of this program!

Education Technology Policy and Leadership **Room: 129AB**

### EX1 Fundraising for Technology

*Eric Bird and Sarah Jost, Tool Factory, (VT)*

Take an online romp through a library of grant opportunities and fundraising ideas. Download pre-made templates for your next fundraiser and substantially reduce your planning time. Build a dynamic online profile and invite parents and community members to share in your classroom's plans. Every teacher gets a free Digital Wish account, fundraising manual, and loads of great ideas!

Education Technology Policy and Leadership **Room: 229A**

\*INTEL SCHOOLS OF DISTINCTION EDUCATOR SHOWCASE\*

### Inspiring Scientists and Mathematicians of Tomorrow

*Eric McLaren, Illinois Mathematics & Science Academy (IL), Cassandra Barnes, Sojourner Elementary School (OR)*

Successful math and science programs serve as models for schools across the country. By replicating proven yet refreshingly innovative programs, schools everywhere can invigorate their own mathematics and science programs to inspire the next generation of scientists and mathematicians. Hear from two Star Innovators from the Intel Schools of Distinction award program and learn how they are inspiring the scientists and mathematicians of tomorrow.

S.T.E.M. **Room: 231ABC**

### Skype Back At You!

*Lisa Richardson and Robert Hesse, Stanly County Schools, (NC)*

This session examines the use of Video Skyping to have students instruct and learn from one another one on one, how to prepare students for instruction, and the problems encountered and how they were solved.

Creating and Supporting Learning Environments **Room: 226AB**

### Technology Tool Box: Professional Development for All Teachers

*Elizabeth Zoltan, Connections Academy, LLC, (MD), Kaysa Whittenberger, Nevada Connections Academy, (WY)*

Virtual Brown Bag Lunch...Teacher Talk Tuesdays...Data Dipping... Message Boards! These are just a few of the items in one virtual school network's teacher professional development tool box that can be adapted for technology training in YOUR district. Hear how your district can take the best tools of technology professional development and online teacher training and support to meet the needs of practitioners in a dynamic, real-world school environment.

Professional Development Communities **Room: 122ABC**

\*THORNBURG ROOM\*

### SC Twenty Lessons from Twenty Years of 1:1 Computing in Schools

*Gary Stager, The Constructivist Consortium, (CA)*

No educator has more experience leading professional development in as many one-to-one schools as Dr. Gary Stager. During this session, Gary will reflect upon lessons learned in the twenty years since he worked with the world's first laptop schools. Twenty pivotal lessons will be shared with video-based examples and recommendations for sustaining innovation. This session is ideally suited for policy-makers, but touches on teaching, learning, curriculum, planning, policy, leadership and implementation issues.

Creating and Supporting Learning Environments **Room: 232ABC**

**Using Technology to Bring Inquiry Learning to the 3-12 Classroom**

*Thom O'Brien, ExploreLearning, (VA)*

Explore how online simulations in collaboration with inquiry-based learning can develop deep conceptual understanding for students. With the use of "Gizmos", from ExploreLearning, educators will learn how to use online simulations to help students really see, explore and understand concepts such as how diseases spread, weight and mass, similarity and transformations. Learn how to build lasting knowledge of science concepts through hands-on exploration of web-based instructional technology.

Digital Content **Room: 124AB**

**Vision and Purpose: Vodcasts and Podcasts in the K-12 Classroom**

*Michele Frossard, Avon Community School Corporation, (IN)*

Get proof from "the trenches" how teachers are integrating podcasts and vodcasts into their instruction and assessment to make learning more purposeful and powerful for students. Witness how K-12 students invest more time and effort in to their preparation and product when the world is their audience. Attend this session to watch and listen to how your district can use podcasts and vodcasts for professional development opportunities.

Digital Content **Room: 225AB**

**8:00 AM - 9:00 AM**

**Roundtable Discussion**

\*OPEN SOURCE CLASSROOM\*

**Open Source: Budget Implications for Today's Fiscal Climate**

*Randy Orwin, Orwin Consulting, (WA)*

Learn how open source software could potentially save your district/school anywhere from hundreds to hundreds of thousands of dollars in software licensing costs. Join in the conversation about which software titles can be replaced with freely available open source alternatives. Case studies will be presented showing the savings that other districts have experienced with the adoption of open source software.

*This is a "Bring Your Own Laptop" session.*

Education Technology Policy and Leadership **Room: 121ABC**

**8:00 AM - 9:15 AM**

**TEDxTLN - Inspiration & Innovation: Explore the Possibilities of Education**

Challenge your thinking in this unique session about the future of learning. National experts share data about how students want to learn; others showcase ideas about how we can create innovative, engaging learning environments; and the final speaker addresses those priorities in light of today's challenging economy. These brief, in-person presentations, paired with a provocative TED Talk video and lively roundtable discussion are designed to keep you talking long after the T+L Conference!

Education Technology Policy and Leadership **Room: 120ABC**



**9:30 AM - 10:30 AM**

**Breakout Sessions**

**21st Century Science Solutions – Elementary & Middle**

*Eric Bird and Kendra Ericson, Tool Factory, (VT)*

Visit a virtual science lab and explore different simulation programs that allow elementary students to safely experiment at the computer. Get a glimpse of how your digital camera can become a near microscope using the super-macro feature. Use an angle-measuring tool, a virtual protractor, and scaled drawing features. Attendees get 30-day trial of Tool Factory Workshop, useful printed resources, plus a 2-month subscription to Clip Art Station.

Digital Content **Room: 229A**

\*S.T.E.M. CLASSROOM\*

**Balancing Technology and Community: Teaching in the Classrooms of the Future**

*Brandy Dujmic and Jennifer Sanchez, Empire High School, (AZ)*

Hear from a school that has developed a unique 1:1 environment and has eliminated textbooks entirely in the core classes. In this round table discussion participants will learn about the school's approach to instruction using digital content. We will discuss ways to mix technology-based lessons and classroom environments without losing the traditional physical and social classroom community. We will also discuss discipline structures and technology resources that support this environment.

Creating and Supporting Learning Environments **Room: 231ABC**

\*STONEWARE CORPORATE SESSION\*

**The Benefits of Moving a District to a Private Cloud**

Florence USD will discuss the specific benefits of moving to a web based model, rolling out Stoneware's private cloud technology, and providing virtual web desktops on netbooks to each student in the high school. This is a unique opportunity to hear from the superintendent, the principal, and the IT director involved in this project.

**Room N230**

**Breakthrough Learning for a Digital Age**

*Michael Levine, Joan Ganz Cooney Center at Sesame Workshop, (NY)*



Forty years after Sesame Street was created to engage and teach young children, the digital age presents new opportunities and challenges. Can video games, mobile devices and online experiences be translated to advance children's potential, or will low quality media choices diminish children's learning and healthy development? This presentation will share new research findings on three powerful trends that may drive breakthroughs in children's learning by 2020.

Creating and Supporting Learning Environments **Room: 129AB**

\*TLN ROOM\*

### Designing the Ultimate E-Textbook: The Students' Vision for Digitally-Rich Learning

*Julie Evans, Project Tomorrow, (CA)*

For the past two years, the Speak Up National Research Project has polled over 500,000 K-12 students nationwide on their aspirations for using digital content in the classroom. In this session we will share the students' vision for socially-based, un-tethered and digitally-rich learning environments and learn from a panel of education leaders about the challenges and opportunities of effectively leveraging digital content in the classroom.

Digital Content **Room: 222BC**

### 📱 Educators, Technology and 21st Century Skills: Dispelling Five Myths

*Mary Friend Shepard, Walden University, (MD)*

Hear about the results of a new study on the connection between K-12 technology use and the development of 21st century skills. Examine myths about technology use, including misperceptions about its frequency, benefits, importance, and implications for skills needed in the 21st century classroom. Explore ways of enabling teachers to use technology to help students acquire skills that are crucial for learning and living now and in the future.

Creating and Supporting Learning Environments **Room: 227B**

### 🏠 Electronic Portfolios and Student-Led Conferences in Elementary Classrooms

*Michelle Fahy, Kyrene School District, (AZ)*

In this session participants will learn new strategies for using electronic portfolios to promote student self-reflection in student-led conferences. Teachers will share steps for students to develop electronic portfolios that include work samples, photos, voice recordings and video files. Participants see how students work on writing their own learning reflections, save and link files in their portfolio, and create audio and video recordings to include in their portfolios.

Digital Content **Room: 225AB**

\*FOLLETT CORPORATE ROOM\*

### Focus on Development to Support Student Success

*Elaine J. Roberts, Ph.D., Director, Professional Learning*

Everyone benefits when professional learning has clear, defined objectives. Teachers focus on their own improvement while they help facilitate students' success. Learn how Follett Software's exciting new PD endeavor helps meet the professional learning demands of today's rapidly evolving, global education environment.

**Room N228B**

### 🏠 Leveraging Resources to Extend and Enhance Student Understanding and Engagement

*Margaret Price, Megan McConnell, Susan Reynolds, Linda Thompson, Dwight Cline, Kokomo Center Twp Schools, (IN)*

Through various initiatives we provided remote access to school resources for students and staff. We offered low socio-economic students computers to take home. We incorporated hardware, soft-

ware, and online professional development into AP STEM teachers' curriculum. Community partnerships were leveraged to increase virtual school options and 24 x 7 access to core curriculum. We successfully connected digital learners with non-digital teachers. Learn how we did it in less than a semester!

Creating and Supporting Learning Environments **Room: 123**

### 📱 Post Modern Pedagogy Meets Digital Content & Tools: Don't Leave Home Without It

*Michael Maslayak and Paul Krajcirovic, K12, Inc., (VA)*

Too often, digital programs are chosen without a clear pedagogical perspective. From a curriculum creator's experience, learn valuable lessons that will assist your district in your quest to select quality programs that continue to deliver after the bells and whistles have been silenced.

Digital Content **Room: 224AB**

\*CISCO CORPORATE ROOM\*

### Professional Development Enabled by Technology

Keeping today's teacher current and prepared requires on-going access to professional development. Interactive technology allows for just in time knowledge, builds collaborative communities, and can be cost effective. Learn how Jefferson Parish Public Schools rethought conventional methods and the role technology plays in preparing teachers.

**Room: N223**

\*OPEN SOURCE CLASSROOM\*

### 🏠 Teachers Go to Virtual School: Online Professional Development for Teachers

*John Just, Pinellas County Schools, (FL)*

John Just, Asst. Supt. of MIS of PCS, demonstrates the use of Moodle, Elluminate, Camtasia, and Captivate to build online courses for training and extended learning experiences to enhance teacher understanding of the use of these tools in their virtual classroom. After taking training, teachers are given their own Moodle course and Elluminate Moderator status for use with their students.

*This is a "Bring Your Own Laptop" session.*

Creating and Supporting Learning Environments **Room: 121ABC**

\*THORNBURG ROOM\*

### 📱 The Best Educational Ideas in the World: A Pro-child Vision of Learning

*Gary Stager, The Constructivist Consortium, (CA)*

Explore Reggio Emilia, Fab Labs, El Sistema, 826 Valencia and more. Each "idea" shares common principles of natural learning, creativity, child competence, collaboration, apprenticeship, authentic tools, relevance, serendipity, beauty, respect, and technology used to amplify human potential.

Creating and Supporting Learning Environments **Room: 232ABC**

### The Impetus for Innovation: Advancing the Academic Agenda in the Millennial Generation

*Dr. Ashby Kilgore, Newport News Public Schools (VA)*

How do you build a system of innovation in your school district with increasing accountability measures and diminishing revenues? This session will highlight how Newport News Public Schools is ac-

thursday  
AM

completing this goal by 'Advancing the Academic Agenda' and preparing all students to be college, career, and citizen ready.

Creating and Supporting Learning Environments **Room: 123**

**Utilizing Multiple Data Sources to Fuel a Powerful Tandem: Central Office & Campus**

*Lana Veazey, Manor ISD, (TX)*

Find out how one district is ensuring Central Office and campuses operate in a way that enhances data analysis and builds a shared commitment in improving district performance. Through the use of an assessment and curriculum management system, Central Office and campuses are able to authentically analyze multiple data sources, such as state, district and short-cycle assessment data, through a variety of specific reports.

Creating and Supporting Learning Environments **Room: 126ABC**

**9:30 AM - 11:00 AM**

**CoSN CTO Forum**

**Building a Broadband Ecosystem to Connect Learners to the World**

*Denise Atkinson-Shorey, EAGLE-Net, CO, Phil Emer, Friday Institute for Educational Innovation, NC, Jeanne Hayes, Hayes Connection, CO, Michael Porter, Traverse Bay Area Intermediate School District, MI*

The U.S. Department of Education and the Federal Communications Commission released reports this past year on Transforming American Education: Learning Powered by Technology and the National Broadband Plan respectively. Federal funds are flowing through various ARRA stimulus programs, but what does this mean for local classrooms and schools? Join us for a panel of technology thought leaders to envision an environment for learning that evolves and survives the pace of change.

Creating and Supporting Learning Environments **Room: 124AB**

**9:30 AM - 11:00 AM**

**Breakout Session**

\*STUDENT VOICES\*

**Web 2.0 and McREL's Instructional Strategies**

*Elizabeth Hubbell, Mid-Continent Research for Education and Learning (McRel), (CO)*

Since Classroom Instruction that Works and Using Technology with Classroom Instruction that Works, teachers have learned how research-based instructional strategies allow clear outcomes for using technology. With the advent and proliferation of Web 2.0 tools in the classroom, teachers have rich, powerful, and engaging means of helping their students learn cooperatively, give and receive feedback from teachers and peers, summarize and take notes collaboratively, and access cues, questions, and advance organizers.

Creating and Supporting Learning Environments **Room: 226AB**

**10:30 AM - 1:30 PM**

**Education Excellence Fair**

**Located in the Exhibit Hall, Halls 1-2**

Stroll down the aisles and learn about the latest innovations at school districts across the country. You'll discover successful practices in curriculum, administrative, and community outreach applications. This is a lively opportunity to network with other educators and learn from their experiences. Join us to explore these creative, innovative ideas.

**Education Excellence Fair Presenters:**

**21st Century Special Education Classroom Increases Student Achievement, Vocational Learning, Community Partnerships, and New Initiatives**

*Maryann O'Brien, Prince Williams County Public Schools (VA)*

Visitors will be introduced to best practices, exciting initiatives, successful community partnerships strategies, and a demonstration on how to use Lecture/Capture Technology to help students receive the highest level of achievement on Virginia Alternative Assessments.

**50 Sites in 60 Minutes**

*Mark Garrison, Minnetonka Public Schools (MN)*

We will explore 50 websites, and learn how to use them in your classroom and beyond. 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 and all will positively impact educators across the spectrum.

**Breakthrough Learning for a Digital Age**

*Michael Levine, Joan Ganz Cooney Center at Sesame Workshop (NY)*

This presentation, by one of the nation's leading experts on educational media and child development, will share new research findings on three powerful trends that may drive breakthroughs in children's learning by 2020.

**Cafeteria or Classroom? Using a Nontraditional Space as a Learning Environment**

*Kurt Bernardo and Mary Ann Guidos, Orange City Schools (OH)*

A structural emergency forced Orange City Schools to completely remodel their high school cafeteria. Drop by our booth to discuss how planning for the remodel included staff, students, architects, and the technology department, resulting in a modern facility that delivers instruction as well as nutrition.

**Computer Science Education: Why it's Important and How to Increase Student Interest, Especially for Girls**

*Catherine Ashcraft and Wendy Dubow, National Center for Women and IT (CO)*

Booth visitors will discover more about the importance of computer science curriculum and about how to make this an engaging subject area, especially for girls and underrepresented ethnic/racial minorities. All resources are free.

**Engaging Students Through the Use of Podcasts, Blogs, & Other Web 2.0 Tools.**

*Micki Daniel, Knox County Schools (TN)*

Participants will experience how sixth grade students use podcasts,

thursday  
AM-PM

wikis, blogs, and other Web 2.0 Tools to connect to information, each other, and other classrooms and students.

### **Exceeding Standards, Future Ready**

*Evan Allred and Sunshine Darby, Dysart Unified School District No. 89 (AZ)*

This session will focus on Dysart's technology initiatives such as: the data management system (iPAL), the use of Intel's 60 hour teacher PD, Google Apps for all employees and students, and the multiple ways students access technology throughout our district.

### **Explore Camp, Maximizing Business Partnerships in the Summer**

*Janet Copenhagen and Melany Stow, Henry County Public Schools (VA)*

Explore Camp targets students in grades 4-8 in an effort to build and maintain their connection to what the school environment can offer them. Explore Camp aims to foster positive relationships with teachers as protective factors. Business partners provide resources and teachers to create compelling connections to the workforce and further develop students interests in 21st century careers.

### **Geospatial Inquiry: The New Problem-Based Literacy**

*Aida Awad, Maine East High School (IL)*

Participants will learn how geospatial inquiry tools are being used to maximize student learning, problem based literacy skills, critical thinking skills and to develop geospatial visualization and analysis skills. Examples of student work will be used to illustrate skill growth over the course of a year.

### **Got Tech?**

*Cindy Putnam, Felicia Fowler, Jason Parrish Scott Holcomb, and Wanda Woodruff, Memphis City Schools (TN)*

Learn about Got Tech? Memphis City Schools' collaborative partnership with the Memphis Zoo for students in grades 4-12. Participants will view multimedia presentations created by students and engage in activities similar to those experienced by students. Discussions concerning resources, marketing strategies, curriculum, and support will also be included.

### **In the Winners Circle with 21st Century Teaching and Learning**

*Sharon Shrout, Cary Petersen, Jana Hickey, Sharis Lattimore, Steve Brown, Jefferson County Public Schools (KY)*

Jefferson County Public Schools (JCPS) is a large urban district located in Louisville, Kentucky, home of the world-famous Kentucky Derby. Technology is used throughout our district to support an inquiry curriculum and meaningful, relevant learning experiences for students.

### **Increasing Relevance through Technology!**

*James Kapptie, Park County School District #1 (WY)*

Participants will have the opportunity to learn about free Web 2.0 tools and experience how those tools can make the education experience more relevant. The users will be given opportunities to see examples of how these tools are being used in classrooms. More importantly, they will have the opportunity to brainstorm and develop their own classroom possibilities.

### **Leading School Transformation**

*Elizabeth Morgan, Washington County Public Schools (MD)*

This presentation will center on the role of board members in the strategic process to transform schools. This session will focus on best practices and actions needed for turning around low-performing schools and how board members can support dynamic change.

### **Let's Go Digital!**

*Bob Pappalardo, Poston Butte High School (AZ); Nicole Steele, Florence Unified School District (AZ)*

During the past four years, the Florence Unified School District has embarked on a journey to provide access to technology for all of our teachers and students to help students learn more...faster. Come and check out how Florence USD has put an emphasis on student learning by using technology.

### **Middle School Storytellers: Higher Order Thinking and Authentic Learning**

*Cristy Diaz, David Beard, and Melodie Brewer, Dysart Unified School District (AZ)*

Harness the power of story to create a framework, rich with emotional context for learning. Explore resources and examples that will help you create a storytelling culture with your students. Facilitate Higher Order Thinking Skills with your students as they create authentic products for a global audience.

### **On The Move With Mobile Learning**

*Brian Nichols, James Maxlow and Kari Weston, Newport News Public Schools (VA)*

Newport News Public Schools runs several programs in which mobile devices... Kindles, iPads, cell phones, PSPs, and more... form a key component of student learning. Discuss the ins and outs of starting your own mobile device learning project in this rapidly expanding and highly engaging trend.

### **Pascack Valley Regional High School District - Site Visit Preview**

*Erich Tusch, Erik Gundersen, Instruction and Assessment, Pascack Valley Regional High School District (NJ)*

Get a preview of what visitors will see when they attend this NSBA Site Visit in March of 2011! Information regarding the district's 1:1 laptop program and how technology has been infused into the high school curriculum will be the focus of this preview.

### **Puzzling Questions Spur Millions to the Virtual Doorstep of Ask A Biologist**

*Charles Kazilek, Arizona State University, School of Life Sciences (AZ)*

Tour the award winning Ask A Biologist ([askabiologist.asu.edu](http://askabiologist.asu.edu)) program. Learn more about this free resource and its many offerings during a tour of the website by iTunes personality Dr. Biology.

### **Saved from the Recycling Bin: Open Source Operating System Opportunities**

*Jonathan McMahon and Matthew Corrington Dysart USD #89 (AZ)*

Representatives share technical resources and training strategies to overcome some of the major barriers in configuring and deploying an open source operating system on aging district hardware. Find out how this initiative has helped reduce licensing fees, pro-

vide updated software on older computers, and introduce their predominantly Windows users to an alternative operating system.

### Science, Math, and Technology Education: Not Just for Administrators Anymore!

*John Gordon, Arizona School Boards Association (AZ), Peyton West, American Association for the Advancement of Science (DC)*

The American Association for the Advancement of Science and the National School Boards Association have partnered to produce the first set of resources addressing these subjects specifically for local school board members. See what's available, including funds to help you use the resources.

### STEPping Up: VisFest Film and Gaming Festival

*Dani Pfeiffer, Jeff Thungc, and Tom Riddell, Kent School District (WA)*

In this follow-up to "Students STEPping Up in Leadership Roles," this session will go more in depth on the specifics of this student-run film and gaming festival. STEP student leaders and festival participants will be participating in this discussion through video conferencing software.

### Students STEPping Up in Leadership Roles

*Jeff Thungc and Tom Riddell, Kent School District (WA)*

This roundtable discussion will be moderated by the advisors who oversee the program and include current and past STEP students through video conferencing software. Participants will discuss how to initiate similar programs in their own school or district and the benefits of utilizing student leadership.

### TAB Over For Success: Inspire, Lead and Empower!

*Dr. Patti Crane, Cathy Lane, Celia Norris, Melissa Roberts, and Portia Evans, Liberty County School District (GA)*

Attendees will discover how to build a dynamic district leadership team to guide their system into the 21st century. Explore ways to empower administrators, develop a shared vision, and promote positive change through a technology-infused learning community.

## 11:30 AM - 1:00 PM

### Luncheon Speaker

#### Digital Natives to Global Citizens: Supporting Students as Change-Makers

*Jennifer Corriero, TakingITGlobal, (NY)*

Join other school leaders in this series designed to give you the relevant technology information to make informed governance decisions. There will also be updates on pressing legal issues, the top tech issues to consider in building projects, and strategies for using Web 2.0 tools to communicate with community members. Finally, there will be hands-on sessions to make sure you're tapping all the capabilities of your own personal communication devices.



**Ticketed event. See Registration Desk to purchase a ticket. Sponsored by SMART Technologies**

**Room: 122ABC**

## 1:45 PM - 3:00 PM

### Breakout Sessions

#### 1:1 Computing: Improvements in Unexpected Places

*Eric Bird and Sarah Jost, Tool Factory, (VT)*

Take a look at Digital Wish's experience with the School Modernization and the eVermont initiatives. Digital Wish implemented a home-to-school netbook deployment focused on the community as a whole, including parents, libraries, and senior centers. Digital Wish incorporated video, digital cameras, podcasting, and open source solutions to increase student engagement, productivity, and creativity. Get information to help you implement a 1:1 program and a 30-day trial of Tool Factory Podcasting.

Education Technology Policy and Leadership **Room: 229A**

#### A Journey from Good to Great: How To Put It All Together and Make Sense

*Jamie Ramos and Mike Watson, Tippecanoe School District, (IN)*

Join former "NSBA Salute District" Technology Leadership Team as they take you on their journey from "Good to Great". Three years ago they told you everything they did was replicable and now see them in a new district using those same replicable models to impact learning. These 3 proven and replicable models will assist districts in using ubiquitous technology to create an environment that supports lifelong learning and 21st century citizens.

Creating and Supporting Learning Environments **Room: 221ABC**

\*OPEN SOURCE CLASSROOM\*

#### Drupal-icious: Designing Dynamic Web Sites with Drupal Open Source CMS

*Mary Jane Warden, Nick Peronti, and Regina Shalzi, Lincolnwood School District 74, (IL)*

Are you struggling for a way to create a dynamic school website? Is your challenge to make content creation a snap for everyone? Would you like a Web 2.0 learning environment? Consider Drupal an open source, content management system that can be your solution for a dynamic web environment.

**This is a "Bring Your Own Laptop" session.**

Creating and Supporting Learning Environments **Room: 121ABC**

\*THORNBURG ROOM\*

#### Global Projects Involve and Engage

*Sara Armstrong, Thornburg Center for Professional Development, (CA)*

Opportunities for students to engage in meaningful communication, collaboration, and problem solving with students around the world abound! In this session, participants will see examples, learn about opportunities for their schools and classrooms, and explore the importance of such interactions in our shrinking world. Projects will include ePals, MY HERO, CyberFair, Doors to Diplomacy, the Global SchoolNet's Project Registry, and others.

International Perspectives **Room: 232ABC**

**🏠 Learning in Virtual Environments: Use Virtual Worlds to Enhance Student Learning**

*Mike Goodhues, Dan Scroggs, Joe Biglin, Baltimore County Public Schools, (MD)*

The Baltimore County Public School district has developed a business model to implement the design and creation of virtual worlds, video games, and computer simulation to promote student learning and engagement. The combination of this business model and technology tools provides unique and stimulating experiences that not only increase student ability to retain and master concepts, but also increase student motivation towards greater learning and classroom participation.

Creating and Supporting Learning Environments **Room: 124AB**

\* CISCO CORPORATE ROOM \*

**The Learning Society**

Learn how schools can rethink what they teach, how they teach, and most importantly, how they're organized for a holistic transformation:

- Learn about transformative learning practices from around the world
- Understand how partnerships can help improve learning outcomes
- Discover tools that will help connect, collaborate, and innovate for the future

**Room: N223**

\* S.T.E.M. CLASSROOM \*

\* 2010 TRAILBLAZER RECIPIENT \*

**STEM for ALL: Providing Access to Students of All Ability Levels**

*Jeff Jerdee, Twp District #214, (IL), Lazaro Lopez, Wheeling High School, (IL), William Dussling, (IL)*

Learn how a diverse comprehensive high school of 1,800 students has transformed itself into a STEM for ALL school with a mission to provide students of all ability levels access to the new technologically literate economy. Skills related to STEM are taught and reinforced. Skills and content delivered have a broader context and facilitate the diagonal movement of students along a career program of study.

S.T.E.M. **Room: 231ABC**

**🏠 Students STEPPing Up in Leadership Roles**

*Dani Pfeiffer, Jeff Thung, and Tom Riddell, Kent School District, (WA)*

The Kent School District Student Technology Educational Partnerships (STEP) program allows middle and high school students to develop partnerships with students, teachers, administrators, and business leaders to carry out district-wide technology initiatives. Through technology projects such as Bridging the Gap, VisFest, TechYES, KSDTV, and web and video internship programs, students learn technology, collaboration, communication, public speaking, and leadership skills. Learn how to initiate similar programs in your district.

S.T.E.M. **Room: 227B**

**🏠 Technology in Clark County Classrooms: Data System Gives Students Clear Targets**

*Aaron Markovic and Laura Love, Clark County School District, (NV)*

Learn how Clark County (Las Vegas) teachers use an organized approach to analyze data and plan interventions. Engaging students with clear targets has helped the district to make AYP for two consecutive years. Teachers now administer quality assessments

three times a year (2 interims and one survey assessment). This benchmarking is extremely effective in targeting instruction. As a result, teachers are able to plan interventions aligned to standards.

Creating and Supporting Learning Environments **Room: 126ABC**

\* TLN ROOM \*

**The Real 21st Century Literacies**

*Bonnie Bracey Sutton, Power of US, (DC), Henry Neeman, OU Supercomputing Center for Education & Research, (OK), Raymond Rose, Rose & Smith Associates, (VA)*

Technology allows us access to large quantities of data, but we're not preparing students with the skills that enable them to apply that knowledge to their lives. We need the education community to wake up to the realities of the 21st Century. We need to have citizens who understand computational thinking, data visualization, and the difference between computer modeling and simulations.

Creating and Supporting Learning Environments **Room: 222BC**

**3:30 PM – 4:45 PM**

**General Session**

**Room: 120ABC**

PRESIDING:

**NSBA Secretary Treasurer, C. Ed Massey, Boone County Schools, KY**

TECHNOLOGY LEADERSHIP NETWORK SALUTE:

**Dysart Unified School District, Surprise, AZ**  
*Ann Lee Flynn, Director, Education Technology & State Association Services, NSBA*

**The Digital District Survey**

*Sponsored by the Center for Digital Governance*  
*Marina Leight, Vice President, Center for Digital Education*

KEYNOTE ADDRESS:

**Steven Berlin Johnson, author and social critic**



Johnson is the best-selling author of six books on the intersection of science, technology and personal experience. A social critic and technologist, he will examine emerging trends and explain their relevance to today's world.