NHSTE ~ Tech Teachers/Integrators SIG
Tapping Technology Tools to Support Science & Social Studies and CCSS
SERESC, Bedford, NH
Thursday, October 17, 2013

OPENING SESSION (9:00 to 9:45) in Rooms 200/201

Digital Literacy in New Hampshire Classrooms
presented by *David Hobbs, Technology Integration Teacher, UNH* (email address)

Join this Christa McAuliffe Sabbatical recipient as he reflections on his yearlong project with an emphasis on social studies/ science classrooms. The project, called Digital Literacy NH, included school and classroom visits to public K-12 schools around NH (16 in all). Findings and reflections include how teachers from diverse areas are using digital tools to improve the scope, quality and relevance of their instruction.

REMINDER: the **Exhibitor Playground Area** is open from 8:30 a.m. to 3:10 p.m., so be sure to plan a time to check this out and get some "hands-on" experience with our eight exhibitors!

AM CONCURRENT SESSIONS

Session 1: 10:00 to 10:35 ~ Please select one of the following sessions:

Room 200	Room 201	Room 209	Room 210
Google Earth & Social Media Tools in the Social Studies Classroom [SS] [4-12]	**Tips for Searching & Evaluating Websites** [SC SS] [4-12]	**Mobile Device Integration - Presenting with iPads** [SC SS] [K-12]	**Teacher Voice Amplification = Crystal Clear Instruction** [SC SS] [K-12]

Google Earth and Social Media Tools in the Social Studies Classroom ~ *Holly Doe, HS Integration Specialist, Pelham SD, hdoe@pelhamsd.org*
Discover aspects of Google Earth that can be used in any classroom K-12. Specific projects that were created in the Pelham School District are shared. Delve into the use of social media tools in the social studies classroom. Examples like Fakebook, Twitter, Pinterest and Thinglink will be demonstrated. Our goal is to present as many cool tools as possible with direct application to your classroom.

Tips for Searching & Evaluating Websites ~ *Carol Liss, Grade 8 Technology Educator, Timberlane RSD, carol.liss@timberlane.net*
If It Is On The Internet, It Must Be True! Learn how to find appropriate information more effectively using Google Search and Easybib. Not all information on the internet is appropriate or accurate, review the criteria students should use to evaluate sites.

Mobile Device Integration - Presenting with iPads ~ *Joshua Funk, Jed Holdeman, & Art Germano Houghton Mifflin Harcourt, jed.holdeman@hmhco.com*
Come and discover strategies to project and present using the Apple iPad. Explore Flash-based content vs. HTML5, Reflector Software vs. Splashtop App, Ibooks vs. Ebooks, and the KNO App.

Teacher Voice Amplification = Crystal Clear Instruction ~ *Tom Gilmartin, Classroom Audio Consultant, Lightspeed Technologies, tom.gilmartin@lightspeed-tek.com*
Provide ALL your students with crystal clear instruction. Teacher voice amplification is the auditory equivalent of turning the lights on in the classroom. Hearing is the primary channel for learning. General education students experience significant auditory challenges in today's classrooms as well those with hearing impairments. Large class sizes, nearby street noise and sound coming from adjacent hallways and rooms, HVACs, projector fans, and other variables create noise barriers to effective classroom listening. Classroom Audio overcomes noise and other distractions by providing an even distribution of the teacher's voice as well as other audio sources (TV, DVD, whiteboard, computer, CD player, iPod). We welcome you to a discussion of some of the challenges facing educators and students in providing clear spoken instruction to all students and how Lightspeed Technologies is providing solutions to address these issues.

Session 2: 11:00 to 11:35 ~ Please select one of the following sessions:

Room 200	Room 201	Room 209	Room 210
Its Raining & Pouring Data [SC] [4-12*]*	*Real World Connections Using Distance Learning* [SC SS] [K-12]	*Transformation Within Education & Why Samsung* [SC SS [K-12]	*Utilizing Digital Curriculum to Prepare Students for SC & SS CCSS* [SC SS] [6-12]

Its Raining & Pouring Data ~ *Lara Bryant, Assistant Professor, Keene State College, lbryant1@keene.edu*
Learn how to navigate, search and access a plethora of precipitation data collected daily by community volunteers through CoCoRaHS, the Community Collaborative Rain, Hail, and Snow Network. This presentation features ArcGIS online lessons created through the NHEdGIS partnership with EPSCoR funding that explore precipitation patterns, and climate factors in New Hampshire.

Real World Connections Using Distance Learning ~ *Christina Hubley, Tech Integration Teacher, Timberlane RSD, Christina.hubley@timberlane.net*
The Timberlane District has been using Distance Learning and Skype in the classroom to help their teachers connect with providers and other classrooms around the world. Learn how you can start searching for connections to enrich your students learning.

Transformation Within Education & Why Samsung ~ *Lea Maynard, Insight Field Executive for Education, Brad Wilbricht, & David Hludzinski, Samsung, bwilbric@insight.com*
Understanding the options that are available for the K-12 classroom. How to determine what is best for your students.

Utilizing Digital Curriculum to Prepare Students for Science & Social Studies CCSS ~ *Virginia Moran, Compass Learning, vmoran@compasslearning.com & Raquel Ford, National Curriculum Specialist*
Engaging students in learning is a constant challenge facing secondary educators. Preparing students for the increased rigor required by CCSS can be an even bigger challenge. With some districts facing rising numbers of dropouts and increased alternative education enrollments in the past few years, engaging and rigorous curriculum options that utilize technology-based delivery systems have become paramount in the educational landscape. Compass Learning's Odyssey High School courses use an exciting mix of direct and guided instruction, including high-quality video lectures by master teachers, and flash-based, interactive instruction to teach and re-teach concepts in a variety of ways to the full spectrum of high school learners. Flexibility and customization allow for a variety of implementation designs to meet the unique needs of your district. Discover how Compass Learning Odyssey supports the teaching of the CCSS and in turn helps teachers and students meet those requirements.

POST LUNCHEON PRESENTATION (12:20 to 1:05) in Rooms 200/201

Classroom Projects That Will Make You 12% More Fascinating
presented by John Fladd, Grade 7 & 8 Social Studies Teacher, Deerfield Community School, johnfladd@hotmail.com

Explore a variety of projects that are easily adoptable, widely adaptable, and easy to implement. All of them involve some degree of technology, but it is non-threatening technology; the kind of technology that would never intimidate you with scary technology terms; technology where you won't have to remind yourself to take deep, calm breaths. All these project ideas have applications in many disciplines and grade-spans.

PM CONCURRENT SESSIONS

Session 3: 1:20 to 1:55 ~ Please select one of the following sessions:

Room 200	Room 201	Room 209	Room 210
Infographics - Learning to Read & Write Visually [SC SS] [4-12]	*Moodle & Gapps - A Great Team!* [SC] [6-12]	*Teacher Voice Amplification = Crystal Clear Instruction* [SC SS] [K-12]	*Teaching SS with Hands-On Activities & Technology Tools* [SS] [6-12]

Infographics - Learning to Read & Write Visually ~ *Deb Boisvert, Tech Coordinator, Deerfield Community School, dboisvert@sau53.org*

Walk away with an overview of what an infographic is and FREE tools that are available to create or to support students in creating infographics. Translate content and knowledge into a graphic to focus your message in a 21st century poster. Bring your own device and get started on your own design.

Moodle & Gapps - A Great Team! ~ *Stephen Delcambre, Science Teacher, Timberlane RSD, stephen.delcambre@timberlane.net*

Is your school using Gapps? Improve your productivity and flexibility by integrating both Moodle and Gapps into your everyday classroom environment. For educators already using Moodle, learn about opportunities to enhance your online capabilities with Gapps. Use Gapps but not Moodle, or new to both - this workshop can get you started with tips on using Moodle separately or combined.

Teacher Voice Amplification = Crystal Clear Instruction ~ *Tom Gilmartin, Classroom Audio Consultant, Lightspeed Technologies, tom.gilmartin@lightspeed-tek.com*

Provide ALL your students with crystal clear instruction. Teacher voice amplification is the auditory equivalent of turning the lights on in the classroom. Hearing is the primary channel for learning. General education students experience significant auditory challenges in today's classrooms as well those with hearing impairments. Large class sizes, nearby street noise and sound coming from adjacent hallways and rooms, HVACs, projector fans, and other variables create noise barriers to effective classroom listening. Classroom Audio overcomes noise and other distractions by providing an even distribution of the teacher's voice as well as other audio sources (TV, DVD, whiteboard, computer, CD player, iPod). We welcome you to a discussion of some of the challenges facing educators and students in providing clear spoken instruction to all students and how Lightspeed Technologies is providing solutions to address these issues.

Teaching SS with Hands-On Activities & Technology Tools ~ *Tippy Johnson & Nancy Grieve, McGraw Hill tippy.johnston@mheducation.com*

Does this sound like your Social Studies Homework - read pages 30-35 and take notes???? BORING!!!! Make your Social Studies class interactive through Hands-on Digital Activities and Hands-on Project with students from all OVER THE WORLD!! Come explore and discover the opportunities with us.

Session 4: 2:20 to 2:55 ~ Please select one of the following sessions:

Room 200	Room 201	Room 209	Room 210
Connections Between NH ICT Literacy Standards & the CCSS [SC SS] [K-12]	**Google Basics in Science & Social Studies** [SC SS] [6-12]	**Utilizing Digital Curriculum to Prepare Students for SC & SS CCSS** [SC SS] [6-12]	**Teaching SS with Hands-On Activities & Technology Tools** [SS] [6-12]

Connections Between NH ICT Literacy Standards & the CCSS ~ *Stan Freeda, Educational Tech & Online Learning Specialist, NH DoE, Stanley.Freeda@doe.nh.gov*

As the Smarter Balanced online assessment of the CCSS for Mathematics and English Language Arts approaches, schools/districts are concerned about the achievement of their students on these tests. The computer adaptive assessments represent a completely different way of testing our students. This requires an integration of media and technology literacy into our teaching practices. The ICT Literacy Standards support this integration and fit nicely with the pedagogy required for teaching to the CCSS and all modern learning standards. Explore the connections between the CCSS and ICT Literacy and discuss ways in which subtle shifts in your teaching methods can help support both, as they help reinforce each other.

Google Basics in Science & Social Studies ~ *Lois Paul, District Technology Integration Coodinator, Timberlane RSD, lois.paul@timberlane.net*

Discover how to use literacy skills and communication to prepare for and complete a integrated science unit on Mars Rovers and Space travel. This unit includes science, math, history, and literacy skills. Many of the common core literacy skills are involved for nonfiction reading and writing.

Utilizing Digital Curriculum to Prepare Students for Science & Social Studies CCSS ~ *Virginia Moran, Compass Learning, vmoran@compasslearning.com & Raquel Ford, National Curriculum Specialist*

Engaging students in learning is a constant challenge facing secondary educators. Preparing students for the increased rigor required by CCSS can be an even bigger challenge. With some districts facing rising numbers of dropouts and

increased alternative education enrollments in the past few years, engaging and rigorous curriculum options that utilize technology-based delivery systems have become paramount in the educational landscape. Compass Learning's Odyssey High School courses use an exciting mix of direct and guided instruction, including high-quality video lectures by master teachers, and flash-based, interactive instruction to teach and re-teach concepts in a variety of ways to the full spectrum of high school learners. Flexibility and customization allow for a variety of implementation designs to meet the unique needs of your district. Discover how Compass Learning Odyssey supports the teaching of the CCSS and in turn helps teachers and students meet those requirements.

Teaching SS with Hands-On Activities & Technology Tools ~ *Tippy Johnson & Nancy Grieve, McGraw Hill*
tippy.johnston@mheducation.com
Does this sound like your Social Studies Homework - read pages 30-35 and take notes???? BORING!!!! Make your Social Studies class interactive through Hands-on Digital Activities and Hands-on Project with students from all OVER THE WORLD!! Come explore and discover the opportunities with us.

~~~~~~~~~~~~~ NHSTE Supports "Going Green" by Posting Digital Resources ~~~~~~~~~~~~~

- Our presenters are encouraged to "**Go Green**" and print a minimum number of handouts. Instead we encourage them to post their resources on the TT SIG #1 oct-17-13 wiki.

- The address for the workshop wiki is: **http://nhste-ttsig1-oct-17-13.wikispaces.com**

- If you have never used a wiki, do not fear, it is simple to access and easy to post. We have created this as a public wiki, so anyone with the address can go to the site, post comments, share resources, and access workshop information. You do not need to set up an account to access or post to this page.

- When you go to the wikispace, you will see a copy of this handout pasted on the page. There will be a space following each session description for the presenter to add links or upload files that you can download.

- If you want to add to the wiki, click on the Edit button in the top right-hand corner. Please proofread your comments for grammatical correctness and be professional in your postings. Remember to save when you are through!

- Join us and become part of the interactive web!

Here are a few additional "apps" resources for your browsing pleasure . . .

Digital Wish's Apps Center for Education Helps Teachers Identify Android Apps for the K-12 Classroom!
Funded by a grant from the Motorola Mobility Foundation, Digital Wish has just launched the Digital Wish Apps Center, the newest tool designed to help teachers find the best educational applications designed for the Android. operating system. http://www.digitalwish.com/dw/digitalwish/apps_center

TCEA-Recommended iPad Apps
This Google spreadsheet is publically available and contains hundreds of apps listed by over 50 different categories – the matrix is color-coded to easily identify FREE resources and prices are listed for those with a cost.
http://tinyurl.com/TCEA-iPad-Apps-Matrix

The Best Education Apps at FETC (Florida Education Technology Conference)
Mobile learning was a cornerstone of the FETC conference in Orlando last month (Feb. 2012) and the buzz culminated with the conference's closing session: An App Shootout where ed-tech pros Gail Lovely, Hall Davidson, and Jenna Linskens shared some of their favorite apps for Apple devices. This link includes 11 apps shared by Jenna and links to the two Google spreadsheets compiled during the "shootout", one list from the panelists (37 apps) and one from the audience (over 50 additional apps)! http://thejournal.com/articles/2012/02/06/the-best-education-apps-at-fetc.aspx

Tennessee Board of Regents – Emerging Technologies & Mobilization Apps Search Tool
Check out the Education & Workforce Mobile Apps Resource Bank tool on the right-hand side of the page!
http://emergingtech.tbr.edu/professional-development