







# Session Descriptions for Thursday, December 2, 2004

=Digital Video =Handhelds =Virtual/Distance Learning 1:1=Laptop Learning  
=Keynote Speaker =Distinguished Speaker = McAuliffe Presenter

**7:30am–8:30am**  
*Nashua North*

**MITI-04 Early Bird Training**  
**Introduction to Your GPS Device**  
*(pre-registration required, please see details on pages 80 & 81)*

**7:45am**  
*Lobby*

**Registration**  
**Continental Breakfast with Exhibitors**  
*Sponsored by EdjobsNH*

**8:45am**  
*Wentworth Room*

**Welcome:**  
**Dr. Mark Joyce, Executive Director, NHSAA**



**Keynote Speaker:**



**Kathleen Beck Schrock, Administrator for Technology**  
**Nauset Public Schools, Cape Cod, MA**

## **A Day in the Life of an Educator's Handheld**

Follow an educator through a typical work day, from sun-up to sun-down, in this presentation which documents, via short video clips, the multitude of ways the handheld computer can be used for personal, professional, instructional, educational, and recreational uses. The applications and hardware employed during the presentation are demonstrated. Kathleen Beck Schrock is the Administrator for Technology for the Nauset Public Schools on Cape Cod, Massachusetts. A large part of her job is involved with infusing technology throughout the curriculum in all areas and at all grade levels. Previously a library media specialist, she is very interested in search strategies, evaluation of Internet information, copyright issues, handheld computers and gadgets, and the use of technology as a tool to support instruction

### **Super Share-A-Thon - Featuring New Hampshire Educators**







**10:30am-  
12:00pm**  
*Ashwood Court*  
★

Join New Hampshire's technology educators who have gathered together to share their successful strategies integrating technology into learning experiences in the Ashwood Court. Come explore their ideas and ask questions in this informal, yet highly informative setting. Spend as much or as little time as you like at stations of interest. A complete directory of Share-A-Thon sessions is available at the entrance of the Ashwood Court Share-A-Thon area on Thursday morning. To date the following Share-A-Thon sessions are scheduled:

- **Digital Movies in the Classroom – Student Examples and Assignments,**  
*Mark MacLean, Merrimack Valley School District, Penacook*
- **Embedding Technology into the Curriculum to Support All Learners,**  
*Beth Morris, White Mountain Regional School District, Whitefield, NH*
- **Internet Safety,** *Lauren Kenney, Rye Elementary School, Rye, NH*
- **Teacher Coaching for Increasing Effective Technology Integration,**  
*Stephanie Bottcher, Merrimack School District, Merrimack, NH*
- **The “Real Thing”:** New Hampshire History Resources in the Electronic Age,  
*Christopher MacLeod, Concord School District, Concord, NH*
- **Oh, The Places You’ll Go!,** *Elizabeth Wernig, Mendon-Upton Elementary Schools, Mendon-Upton, MA*

We seek additional Share-A-Thon presenters throughout the fall to join those listed above. We have space for 20 Share-A-Thon presentations and encourage you to try the experience! If you would like to be included as a Share-A-Thon presenter, please go to the conference website at [www.nhcmte.org](http://www.nhcmte.org) and download the Call for Presenters form. Complete the sections for Share-A-Thon presenters and submit to Lucile at the NHSAA office via email, fax, or postal service. All the details are on the web. Submissions are accepted through early November.

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## Thursday ~ Th1 Concurrent Sessions (10:30 to 11:30)

Th1-01

Nashua North

### NetSmartz: An Interactive Internet Safety Education Resource for K-12

*Jennifer Gillins, NetSmartz, Education Liaison, National Center For Missing & Exploited Children, Alexandria, VA*

NetSmartz is a free Internet safety resource from the National Center for Missing & Exploited Children and Boys & Girls Clubs, presented in partnership with the New Hampshire Attorney General's office and the New Hampshire Board of Education. Adults are unaware of many Internet dangers now prevalent on the Internet, including sexual predators, peer-to-peer harassment, plagiarism, illegal downloads, and school web sites. After reviewing these dangers, we discuss how to teach Internet safety to children and teens with NetSmartz computer activities and learn how to adapt NetSmartz into existing classroom requirements. This session is for all K-12 teachers and administrators.

Th1-02

Windsor Room 1

### The Organization of District Technology Resources: A Primer for Administrators

*Mitchell Shuldman, Head, Media Services, University of Massachusetts, Lowell, MA*

★

Repeat: T1-03

This session presents recent New Hampshire case study research to examine how some districts have chosen to organize their technical resources and define their technology positions (instructional and technical). Evidence suggests there is variety in how districts approach technology integration. Integration literature suggests technology's impact will be limited until teachers attain a sophisticated level of technology understanding and skill. However, district resources seem more focused on ensuring that students receive basic technology skills rather than working to build teacher technology capacity and thereby ensure effective teacher use and understanding of technology. The target audience includes superintendents, principals, technology directors, school board members, and interested teachers.

Th1-03

Windsor Room 2

### Tech Savvy Girls™ – Bridging the Digital Divide

*Lucie deLaBruere, Technology and Equity Specialist, and Betsy Calhoun, Vermont Institutes, Newport, VT*

★

Learn how Tech Savvy Girls™ has grown from a middle school summer camp to a systemic approach for engaging female students in activities and courses that prepare them for a high tech world. Participants 1) leave with tested strategies that can be applied in their district and 2) learn about professional development resources, and student activities available for students and teachers through the Tech Savvy Girls™ project. Student presenters share how Tech Savvy Girls™ helped them develop confidence and skills. A teacher panel shares how they applied strategies learned during Tech Savvy Girls™ professional development at their school.

Th1-04

Balsam Room







### Power in the Palm of Your Hand

*Kathleen Beck Schrock, Administrator for Technology, Nauset Public Schools, Cape Cod, MA*



This presentation continues the discussion of the effective use of handheld computers to support teaching and learning. It includes a look at the impact of technology in education, the effective use of these devices, and a multitude of original activities and free software for using the palmOne™ handheld computers in the classroom to maximize their impact on student achievement.

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**Th1-06**

Windham Room

## **LINUX in Education: What is Happening Around the World**

*Jon Hall, Executive Director, LINUX International*

**LINUX**

The presenter has been involved with computers both as a student, an educator, a programmer, a systems and product designer for over thirty years. While teaching computer science classes, he was given the nickname, "Maddog" by his students by which he has been known ever since. His industry experience includes working at Bell Labs and Digital Equipment. Since 1994, Maddog has been one of the more influential and recognized supporters of Linux and has served for several years as the Executive Director of Linux International. In his travels around the world, Maddog has observed the benefits and advantages of using Linux in the educational environment. His presentation focuses on his discoveries and why LINUX should be in your school too.

**Th1-07**

7<sup>th</sup> Floor Lounge

## **Wireless Technology in Your School**

*EarthWalk, Manassas, VA*

Repeat: T2-10, W2-10

Presentation and discussion outlining the benefits of integrated wireless technology in mobile computer labs, laptop computers, and access points. With just one Ethernet connection and one standard wall outlet your classroom can instantly be connected to your school's network and the Internet! Great for temporary classrooms, schools with older wiring, teacher training, special education, libraries, study halls, and any other application you can think of - the possibilities are endless. With the use of wireless technology you have no walls, no wires, and no limits!

**Th1-08**

Portsmouth Room

## **Vermont's One-to-One Computing Initiative**

*Peter Drescher, Technology Integration Specialist, and Carolyn Jones, Vermont Institutes, Montpelier, VT*

★ 1:1

Our presentation is geared for schools and districts interested in piloting their own One-to-One computing initiatives. Vermont has begun it's own this past school year. This presentation showcases professional development that was undertaken over the summer and shows it's progress in the first semester. Come with your questions about making policy, developing multidisciplinary units, and building student capacity around this valuable tool.

**Th1-09**

Room 150

## **New Methods for Teaching History with Technology**

*John Raymond, Director, Technology-in-Education Laboratory, Woodbury, CT*

This presentation begins with an exploration of learning by doing, looking at the science lab model and the fieldwork model. It introduces how these models can be applied to the teaching of history in grades 3-12. It then introduces free online tools that facilitate teaching history according to these principals. The balance of the presentation includes a closer look at these tools, how to use them, how to set up accounts, and plenty of discussion of the merits of these new approaches to teaching and learning. The objectives are to share new approaches and teaching tools. The target audience is technology integrators and classroom teachers.

**Th-17**







Amherst Room

**Microsoft**

## **Leveraging the Power of Windows XP, Windows Server 2003 and Office 2003 in the Connected Classroom**

One of the things that today's teacher can bring to the classroom is amazing technology. In the modern classroom, everything—from art to science projects, research to writing assignments, lesson plans to tracking grades—happens on the classroom PC. Now, Windows XP Professional combines breakthrough support for digital media and networking capabilities to facilitate rich, project-based learning in and out of the classroom, for you and your students. Discover how to meet the unique needs of all students by learning about the assistive technology features integrated into Windows XP and learn how Windows XP, along with Office 2003 and Windows Server 2003 can help your teachers and students share their work with parents!

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**Th1-18**

Bedford Room

**EduTeam**

## Data Driven Decision-Making

Data Mining is the process by which information is drawn from a collection of integrated and aggregated student and administrative data stored in what is usually termed a "data warehouse". Learn how Chancery SMS with Microsoft SQL Server and Analysis Server can deliver a school-owned and district-owned data warehouse to better meet No Child Left Behind requirements. You will be able to make better-informed, data-driven decisions based on a deeper understanding and application of the interrelationships that exist between the diverse types of information housed within Chancery SMS.

**Th1-19**

Chesterfield Room

**Apple Computer**

## The Latest and Greatest from Apple

*Dan Delvecchio and Bob Trikakias, Apple Computer*

Join us for an exciting session featuring the latest products and technology directions for education from Apple Computer. The session is loaded with exciting demonstrations and has plenty of time for questions and answers.

**Th1-20**

Hollis Room

**Computer Resources**

## Don't Rely on Yesterday's Technology to Track Today's Data

Finding the right balance of power, flexibility, and ease of use has long been the desire of schools when using administrative software. The new MMS Generations brings these three ideals together in one package. MMS Generations is a true district software package that enables all schools to share data real time with the district office over the internet or your wide area network. Flexible reporting and scheduling tools make even complex jobs easier for building level administrators. A streamlined graphical interface will ensure ease-of-use for all school personnel including guidance counselors, attendance clerks, principals, nurses, and teachers.

**Th1-21**

Northwood Room

**UNICOM**

## Thin-Client Computing

*Alex Halachis, Solutions Architect, UNICOM*

*This session explores how thin-client computing can help you extend the reach of your applications to provide students, parents, teachers, faculty and administrators with anywhere, anytime access to instructional applications and other academic resources that traditionally were only available in the classroom. We address the various thin-client models ranging from single application deployments to complete desktop deployments, wireless and remote access, as well as web based application offerings. Time also is allocated to addressing the various thin-client solutions, including Microsoft Terminal Server, Citrix Metaframe, and Netilla.*

**Th1-22**

Webster Room

**ViewCom & TANDBERG**

## Grants Seminar

Discussion with Donna Sherrouse, a National Grants Consultant

**Th1-23**

Room 151







**Multimedia Systems**

## Orchard for Your State Software (A Cost Effective Solution for the NCLB Blues)

*Alan Stern, Regional Manager, Siboney Learning Group, and Herb Moyer, President, Multimedia Systems, Inc., Exeter, NH*

This session focuses on a comprehensive instructional software package that includes assessment aligned to your state content standards, targeted instruction that addresses each student's needs, and a powerful curriculum management system to help educators with data-driven decision making. The Orchard For Your State curriculum includes reading, math, language arts, science and teacher tools that provide a variety of instructional approaches to keep students engaged and motivated and make a measurable impact on test scores.

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## Th1-24 Building a TV Studio with a "TV Studio in a Box"

Room 153

*Blaine Holm, Video Hardware Services, LLC,*

### Video Hardware



Have you been assigned the task of constructing a TV Studio in your school? Attend this session and leave the conference with the knowledge needed to build a TV Studio using low cost methods such as NewTek's 'VT3' computer Video Switcher. Sometimes called the NewTek 'TV Studio in a Box', this solution provides all you need in a complete turnkey package. The system includes a 24 input switcher, Waveform/Vectorscopes, Digital Disk Recorders, Production Monitors, Chroma Keyer, Character Generator, Downstream Keyer, Remote Switcher Panel, and much more. You can stream your entire broadcast to the Internet or to your school's internal network. The intuitive interface is tailor-made for kids (it's cool), and its 'virtual' equipment' acts just like the real thing. Find out why schools across the country are making the NewTek VT3 their choice for a TV Studio in the classroom. During the session, learn what types of cameras you can use, and some innovative ways to get them for free, plus many other useful tips.

## Th1-25

Room 155

## The Classroom Performance System (CPS)

### eInstruction

The Classroom Performance System (CPS), from eInstruction, uses wireless, individual student response pads to increase engagement and ensure 100% participation. Behind the scenes, CPS is tracking every student's performance, providing the teacher with comprehensive assessment reports that are linked to individual state standards. One of the main instructional benefits of CPS is that it allows educators to provide students with a non-threatening environment in which to participate, as all responses are anonymous, except to the teacher. Automatic grading of paper quizzes and collaborative team games are also incorporated into the system. CPS is installed in over 7,000 classrooms in all 50 states.

## Thursday ~ Th2 Concurrent Sessions (12:00 to 1:00)

## Th2-01

Nashua North

## Technology Promoting Student Excellence Initiative: One Year Progress Report

*Bob Trikakis, Apple Computer*

1:1

Repeat: T2-01, W2-01

Learn how the six TPSE pilot schools are changing the landscape of New Hampshire education. Members from each of the six pilot schools share their best practices and provide an update on the progress of the Initiative. This roundtable discussion gives members of the audience the chance to ask the panel questions. If you are interested in 1-to-1 learning with technology, you won't want to miss this session!

## Th2-02

Windsor Room 1

## Making Images of Physics in Action

*Lois Kenick, Physics Teacher, Merrimack High School, Merrimack, NH*

★

Repeat: W4-03

The idea for this presentation came from a presentation by Felice Frankel at MIT. Successes and pitfalls of integrating a digital imaging component into physics and physical science labs are described. Examples of student work are shown. Student comments about learning from the assignments are quoted. Participants explore adding an imaging component to one of their lab assignments. The primary standards are from one of Frankel's books, "maintain scientific integrity"..... and "tell the truth in a beautiful way".

## Th2-03

Windsor Room 2







## Using PowerPoint™ to Develop Student Organizational, Presentation, and Ethical Skills

*Nancy Bergeron, Library Media Specialist, Oyster River School District, Durham, NH*

★**CANCELED**★

The Thorntons Ferry Elementary School Benchmark Coaching Team shares their experiences during the 2003-2004 school year. This includes the training they received, peer coaching activities, professional development workshops offered, and mostly the units of instruction created and implemented as a result of grade level team collaboration.

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**Th2-03** **Technology-Enabled Local Economic History**  
Windsor Room 2 *George "Scott" Guild, Director of Economic Education, Federal Reserve Bank of Boston, Boston, MA*

**\*\*ADDED\*\*** This session utilizes live web connection for viewing and analyzing the segments of the "Adventure" website. It is interactive and based upon identifying added learning and teaching opportunities that arise when the correct technology is applied to particular learning or teaching needs. Utilizing the "Adventure" website as an example, this session addresses how technology can enable teaching and learning while addressing curricular needs and still be interesting, informative and engaging.

**Th2-04** **The Magic of Technology Gadgets for Educators**  
Balsam Room *Kathleen Beck Schrock, Administrator for Technology, Nauset Public Schools, Cape Cod, MA*



The "gadget queen" presents the must-have technology gadgets for educators. Framing it with "the way it was" and "the way it is now", participants explore everything from storage devices to tablet PC's and everything in between! Teachers come away with an idea of how technology can "magically" help them both in the classroom and in their personal lives.

**Th2-05** **Challenging Students to Become 21<sup>st</sup> Century Learners**  
Hanover Room *Ruth Adams, Dean of Curriculum and Instruction, Virtual High School, Maynard, MA*



Repeat: W2-04

21<sup>st</sup> Century learning skills include technological literacy, information literacy, global awareness, collaboration, and interactive communication. Virtual High School courses are in schools in 22 states and 14 countries. Students are engaged in global collaboration and gain global citizenry skills through Virtual High School courses. Learn how students taking online courses gain 21<sup>st</sup> century learning skills and gain the skills necessary to successfully transition from high school to higher education and careers. Learn how to help students determine their readiness for online learning.

**Th2-06** **Bridging the Digital Divide with Open Source and LINUX Software in a K-12 New Hampshire School District**  
Windham Room *Steve Kossakoski, Assistant Superintendent for Technology and Research, Exeter, NH*

  
**LINUX**

Repeat: W4-06







The commitment to bring 1-to-1 computing to K-12 education through large-scale laptop programs in Maine and Virginia illustrates the importance of increasing access to technology in schools. Limited funding for such programs will continue to inhibit the adoption of such programs in most school districts. Moreover, the growing digital divide among schools that cannot reduce their high student-to-computer ratios and those that have the resources to maintain low student-to-computer ratios continues to be a problem. The use of Open Source and LINUX software could enable all school districts to leverage their funding and bring more technology and a variety of high quality free software tools to students and teachers. This session is designed to be of interest to K-12 teachers, technology coordinators, and administrators. The objectives of this presentation are to inform participants about the use of Open Source and LINUX software and to show how these resources are being used in a K-12 New Hampshire school district (SAU 16). Information is also shared on how the Great Bay eLearning Charter School plans to use exclusively LINUX and Open Source software.

**Th2-07** **Take a Bite Out of Professional Development with Recipes4Success**  
7<sup>th</sup> Floor Lounge *Elizabeth Buyer, Trainer/Integration Specialist, Tech4Learning, San Diego, CA*

Repeat: W3-07

Participants learn how the Recipes4Success series addresses the learning needs of both teachers and students. This online resource provides more than 120 tutorials to help learn common classroom software tools and over 6,000 reference guides to help you successfully integrate these tools into the classroom activities. Participants learn how they can use the tutorials to create customized training for teachers and students and explore strategies for using the references to support student technology project work.

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**Th2-08**  
Portsmouth Room **Maximizing Microsoft Office in the Classroom**  
*Catherine Drury, Technology Consultant, Two Rivers Magnet Middle School, Ellington, CT*

★  
Repeat: T4-08  
This presentation is designed for K-12 educators of all subjects, and focuses on different ways to integrate Microsoft Office Suite in the classroom. Ideas range from using MS Word for peer-editing, collaboration, and dialogue; PowerPoint for interactive lessons, web lessons, and portfolios; use of formulas in Excel for interactive math activities, along with a discussion and examples on how the programs work together, and more. The presentation includes an overview of the software, examples of its alternative uses, and discussion on how to create powerful tools and activities within a curriculum. Participants receive a handout of examples.

**Th2-09**  
Room 150 **The Electronic Policy Guide™: Making a Molehill Out of a Mountain**  
*Nicholas Trott Long, Education Lawyer, Rhode Island Association of School Committees, Providence, RI and Thomas Flygare, Education Attorney, Flygare, Schwarz & Closson, PLC, Exeter, NH*

Repeat: Th3-09  
Using the Electronic Policy Guide™, a school board member, administrator, or a parent can easily locate a school policy, the underlying state statute, a related court decision, or a relevant collective bargaining agreement. A unique, easy-to-use search engine immediately produces a continuously visible “working” list of all the chapters and sub-chapters where the searched-for word or phrase appears. This session demonstrates, by visiting several school districts’ Electronic Policy Guides™ on-line, how these districts have improved administrative efficiency, enhanced strategic planning, raised the level of confidence when making decisions, and increased parent and student understanding of the school’s policies.

**Th2-17**  
Amherst Room **Private and Group Discussions on a Common Topic**  
**Microsoft**

This session is reserved for private discussions and round table discussions centered around a common topic.

**Th2-18**  
Bedford Room **Teacher Tools for Teacher Tasks**  
**EduTeam**

Chancery SMS offers the most powerful, integrated web-based features that give teachers immediate access to pertinent information and proven administrative tools, including versatile grade books, classroom attendance records and instant access to student and parent information.







**Th2-19**  
Chesterfield Room **Apple Enterprise Update for Servers and Storage in K-12**  
*Tom Bartlett and Bob Trikakis*  
**Apple Computer**

Come hear what Apple has to offer with Xserve, Xserve RAID, Xsan, and Mac OS X Server for K-12. Keep updated on Apple’s server and storage products and how they integrate into a school. Also, understand how you can tie together your Windows and Macintosh authentication with Mac OS X Server. See where technologies such as shared documents for 1-to-1 initiatives, security for wireless authentication, and document workflow can be implemented in a K-12 environment. Apple continues to innovate and bring high-end enterprise technologies to the K-12 space. See how these technologies can impact education and bring learning to new levels.

**Th2-20**  
Hollis Room **Run Your Server Based Programs over the Internet Using Thin Client Technology**  
**Computer Resources**

Running your schools software over the Internet makes sense, but do not limit your options. In this session we discuss the benefits of employing today’s thin client server to run your software applications over your Internet or intranet. At the end of this session you may find that instead of spending tens of thousands of dollars implementing new software, you may already have everything you need to run your software applications over the Internet!

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**Th2-21**  
Northwood Room  
**UNICOM**

**E-Rate Review**  
*E-Rate Consultant, UNICOM*

With Funding Year 8 around the corner, there have been a number of changes with the e-rate program including changes that will potentially qualify more districts for internal connections than in previous years. However, with these changes the School and Libraries Division has also tightened up on their compliance policies which has complicated the application process. This session reviews the various changes made by the School and Library Division and help you understand how this could alter your application process.

**Th2-22**  
Webster Room  
**ViewCom & TANDBERG**

**Let's Take A Virtual Field Trip! (with a pizza lunch too!!)**



Take a trip to the zoo, NASA, or learn about sports physics at COSI Toledo without leaving your classroom!

**Th2-23**  
Room 151  
**Multimedia Systems**

**Internet Management: An Educator's Approach**  
*Peter Cirasole, President & CEO, Basocom Global Internet Services, and Herb Moyer, President, Multimedia Systems, Inc., Exeter, NH*

Learn how to electrify instruction by using BASCOM's Global Chalkboard solution to integrate Web-based lessons into the learning environments of K-12 schools. Realize the benefits of empowering educators with a revolutionary tool that aligns the Internet with instructional goals. Watch how dynamic lessons are designed and delivered using rich and exciting Web content.

**Th2-24**  
Room 153  
**Video Hardware**

**Building a TV Studio with a "TV Studio in a Box"**  
*Blaine Holm, Video Hardware Services, LLC,*









Have you been assigned the task of constructing a TV Studio in your school? Attend this session and leave the conference with the knowledge needed to build a TV Studio using low cost methods such as NewTek's 'VT3' computer Video Switcher. Sometimes called the NewTek 'TV Studio in a Box', this solution provides all you need in a complete turnkey package. The system includes a 24 input switcher, Waveform/Vectorscopes, Digital Disk Recorders, Production Monitors, Chroma Keyer, Character Generator, Downstream Keyer, Remote Switcher Panel, and much more. You can stream your entire broadcast to the Internet or to your school's internal network. The intuitive interface is tailor-made for kids (it's cool), and its 'virtual' equipment' acts just like the real thing. Find out why schools across the country are making the NewTek VT3 their choice for a TV Studio in the classroom. During the session, learn what types of cameras you can use, and some innovative ways to get them for free, plus many other useful tips.

**Th2-25**  
Room 155  
**eInstruction**

**The Classroom Performance System (CPS)**

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## Thursday ~ Th2 Concurrent Sessions (1:30 to 2:30)

**Th3-01 Forensic Science with Technology for Middle School**  
Nashua North *Pamela Paquette, Computer/Business Teacher, Milford Middle School, Milford, NH, and Patricia Barbeau, Manchester School District, Manchester, NH*

★ The target audience for this session is middle school teachers teaching science, math, or technology. Understanding the uses of technology in the science classroom, combining project-based learning with forensics is highlighted. View a short video presentation of students during their culminating exercise in forensic science.  
Repeat: T1-01

**Th3-02 Using Technology to Help Shape the Leaders of Tomorrow**  
Windsor Room 1 *Catherine Brophy, Language Arts Teacher, and Irene Grand, Hampton Academy Junior High, Hampton, NH*

★ This presentation includes an overview of lessons and strategies that effectively use technology in a meaningful way to develop leadership and decision making qualities in our students – the future leaders of the twenty-first century. Through careful planning, a year-long theme emphasizes the importance of good citizens, good leaders, and good decision making in society. The theme is carried over throughout the year as a foundation necessary to develop the skills for good leadership and good decision making in society today.  
Repeat: W2-09

**Th3-03 Girls Connect**  
Windsor Room 2 *Kristen Kelso and Alethea Evangelou, students at the University of New Hampshire, Durham, NH*

★ Girls of all ages have helped create this presentation in an effort to encourage more girls to develop their skills in math and science. This session is geared towards informing educators and volunteers on methods available for connecting girls between the ages of 9 and 14 to science and technology. Short videos are used to give participants an inside look at Girls Connect, a two-day robotic building workshop for girls in middle school. Information is available on how you too can get involved in inspiring girls of today to be the technological leaders of tomorrow.

**Th3-04 EDMARKETING**  
Balsam Room *Dan Cherry, New Hampshire Department of Education, Concord, NH*

As a technology coordinator or technology advocate, it is becoming more and more challenging to get the resources necessary to meet the educational technology needs of your district. How do you hold on to your budget? How do you demonstrate to School Boards the need for technology services? This session will focus on some ways to be proactive in building your case. Be in a position to market your program, not defend it.

**Th3-05 What is a Tech Partner?**  
Hanover Room *Beverly Straneva, Project Manager, Southwestern Educational Support Center; Lisa Miller, Technology Education Teacher, and Andrea Polizos, Keene, NH; and Donna Foster, Teacher, and Linda DeLong, Hinsdale, NH*







★ Tech Partner Teams from the Southwestern Educational Support Center show their Units of Practice.



**Team 1 – Lisa Miller/Andrea Polizos, Keene Middle School** – Technology is integrated into this Grade 6 science lesson about six geographic land formations. We demonstrate practical applications of a PowerPoint or Apple Works slideshow, iMovie, and how to use desktop publishing to produce a brochure using Word or Apple Works.

**Team 2 – Jacinto “Jay” Javier Bowks/Shiela Cowing, Marlow Elementary** – This session assists teachers in making the “turning point” by having Grade 3 students create slideshows and digital video mini-films, and becoming the actors in student presentations. This hands-on technology empowers learners to be personally engaged in classroom learning.







**Team 3 – Donna Foster/Linda DeLong, Hinsdale Elementary** – Learn how this 5<sup>th</sup>/6<sup>th</sup> grade team uses technology, including digital cameras, to enhance their unit on Biomes.

# Session Descriptions for Thursday, December 2, 2004

=Digital Video =Handhelds =Virtual/Distance Learning 1:1=Laptop Learning  
=Keynote Speaker =Distinguished Speaker = McAuliffe Presenter

<b>Th3-06</b> Windham Room	<b>If It's On the Web, It Must Be True!</b> <i>Susan Adams, Educational Technology Specialist, New Hampshire Public Television, Durham, NH</i>
Repeat: W1-05	Today's student relies on the Internet for much of their news and information. In this session, participants learn strategies for helping their students to become more critical consumers of Internet content. This session, intended for teachers of grades 4-12, uses lecture/demonstration/discussion to look at ways to help students "read" web pages, separate fact from opinion, evaluate and identify bias, and check the credentials of information providers.
<b>Th3-07</b> 7 <sup>th</sup> Floor Lounge	<b>Let's Get Digital: Using Cameras and Multimedia to Construct Learning</b> <i>Elizabeth Buyer, Trainer/Integration Specialist, Tech4Learning, San Diego, CA</i>
 Repeat: W1-07	Learn how digital cameras can be easily integrated into the classroom curriculum. After discussing brain research about how people process images and text, the presenter discusses how to implement visual learning strategies to improve retention and understanding. See how students can use ImageBlender to manipulate images to showcase academic concepts. Participants explore ideas on how to integrate images in a variety of creative multimedia projects including virtual reality and clay animation. Educators K-12 benefit from seeing how the use of digital cameras can impact student achievement.
<b>Th3-08</b> Portsmouth Room	<b>Communication Partners: Parents, Students, and Teachers Using Technology</b> <i>Ronna Cadarette, Teacher/Building Technology Mentor Team, Bow Memorial School</i>
	Current research linking parental involvement with student achievement is presented. This presentation provides hands-on experiences to implement weekly homework guides, group e-mail set up, basic web sites, and on-line grade books. Participants explore the presenters current web-based programs. Various programs available (both free and for purchasing from private vendors) are presented. Feedback from parent participants over the past three years is shared.
<b>Th3-09</b> Room 150	<b>The Electronic Policy Guide™: Making a Molehill Out of a Mountain</b> <i>Nicholas Trott Long, Education Lawyer, Rhode Island Association of School Committees, Providence, RI and Thomas Flygare, Education Attorney, Flygare, Schwarz &amp; Closson, PLC, Exeter, NH</i>
Repeat: Th2-09	Using the Electronic Policy Guide™, a school board member, administrator, or a parent can easily locate a school policy, the underlying state statute, a related court decision, or a relevant collective bargaining agreement. A unique, easy-to-use search engine immediately produces a continuously visible "working" list of all the chapters and sub-chapters where the searched-for word or phrase appears. This session demonstrates, by visiting several school districts' Electronic Policy Guides™ on-line, how these districts have improved administrative efficiency, enhanced strategic planning, raised the level of confidence when making decisions, and increased parent and student understanding of the school's policies.
<b>Th3-17</b> Amherst Room <b>Microsoft</b>	<b>Best Practices for Securing your Microsoft Windows Environment</b>
	With the increasing amount of viruses, worms and other types of intrusions in the world today, Microsoft and our partners discuss best practices on securing your environment from unauthorized access. Topics to be discussed range from end-user computing behavior to network administrator security tools.
<b>Th3-18</b> Bedford Room <b>EduTeam</b>	<b>Chancery SMS: An Overview</b>
	This session presents a Centralized Web-based Enterprise Student Information Management System. The web has changed the way we access information. For schools, it has become the first point of reference, and it is the future of Student Information Systems. Learn how Chancery has raised the standards by using Microsoft's Web Services Technology. Learn how to build your Data-Warehouse directly from your own school district data. Give your school a single source for queries and data analysis. Leverage your current technology with a Platform and Device Independent system. Manage all school databases with this feature rich solution for district and school personnel.

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**Th3-19**

## **PowerSchool 2004**

Chesterfield Room  
**Apple Computer**

*Marcy Dwyer and Bob Trikakis, Apple Computer*

An overview of PowerSchool, a web-based Student Information System. This presentation discusses how PowerSchool, a cross platform, web-based program can transform the way you capture and analyze student data. The presentation shows how PowerSchool supports your implementation of NCLB, how parents can access data on their student directly, and how you can automate your state DOE reports.

**Th3-20**

## **Reporting and Organizing Your NCLB Data**

Hollis Room  
**Computer Resources**

The NCLB act places a high demand on schools for data reporting purposes. Storing student demographics and grades is no longer enough. Schools need to be able to aggregate, disaggregate and dissect student data in order to make informed decisions. This session focuses on collecting, dissecting, reporting and analyzing your student demographic and assessment statistics. We use **MMS for Schools** latest administrative software release, "**Generations**" and the data contained therein.

**Th3-21**

## **Designing a Storage and Back-up Plan for Your Electronic Data**

Northwood Room  
**UNICOM**

*Alex Halachis, Solutions Architect UNICOM*

Given the increasing amount of electronic data that is required to support teaching and learning so goes the need to provide a reliable, secure, and efficient data storage and backup strategy. This session focuses on helping you develop a plan for addressing your existing and future data storage needs as well as planning a backup strategy in the event of a disaster. We discuss the various storage and backup technologies available to help you better understand what is appropriate for your environment.

**Th3-22**

## **How To Implement Your Distance Learning Solution**

Webster Room  
**ViewCom & TANDBERG**

A presentation by representatives from SAU 55 and SAU 58.

**Th3-23**






## **Orchard for Your State Software (A Cost Effective Solution for the NCLB Blues)**

Room 151  
**Multimedia Systems**

*Alan Stern, Regional Manager, Siboney Learning Group, and Herb Moyer, President, Multimedia Systems, Inc., Exeter, NH*

This session focuses on a comprehensive instructional software package that includes assessment aligned to your state content standards, targeted instruction that addresses each student's needs, and a powerful curriculum management system to help educators with data-driven decision making. The Orchard For Your State curriculum includes reading, math, language arts, science and teacher tools that provide a variety of instructional approaches to keep students engaged and motivated and make a measurable impact on test scores.

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**T3-24**

Room 153

**Video Hardware**



## Building a TV Studio with a “TV Studio in a Box”

*Blaine Holm, Video Hardware Services, LLC,*

Have you been assigned the task of constructing a TV Studio in your school? Attend this session and leave the conference with the knowledge needed to build a TV Studio using low cost methods such as NewTek’s ‘VT3’ computer Video Switcher. Sometimes called the NewTek ‘TV Studio in a Box’, this solution provides all you need in a complete turnkey package. The system includes a 24 input switcher, Waveform/Vectorscopes, Digital Disk Recorders, Production Monitors, Chroma Keyer, Character Generator, Downstream Keyer, Remote Switcher Panel, and much more. You can stream your entire broadcast to the Internet or to your school’s internal network. The intuitive interface is tailor-made for kids (it’s cool), and its ‘virtual’ equipment’ acts just like the real thing. Find out why schools across the country are making the NewTek VT3 their choice for a TV Studio in the classroom. During the session, learn what types of cameras you can use, and some innovative ways to get them for free, plus many other useful tips.

**Th3-25**

Room 155

**eInstruction**

## The Classroom Performance System (CPS)

The Classroom Performance System (CPS), from eInstruction, uses wireless, individual student response pads to increase engagement and ensure 100% participation. Behind the scenes, CPS is tracking every student’s performance, providing the teacher with comprehensive assessment reports that are linked to individual state standards. One of the main instructional benefits of CPS is that it allows educators to provide students with a non-threatening environment in which to participate, as all responses are anonymous, except to the teacher. Automatic grading of paper quizzes and collaborative team games are also incorporated into the system. CPS is installed in over 7,000 classrooms in all 50 states.

## Thursday ~ Th2 Concurrent Sessions (3:00 to 4:00)

**Th4-01**

Nashua North

## Technology Solutions from the NHPTV Knowledge Network

*Kelly Clark, Director of Educational Services, New Hampshire Public Television, Durham, NH*

Repeat: T2-05

From online and onsite professional development workshops, streaming video, and distance learning to reviewed web sites, instructional video, and online lesson plans – the New Hampshire Public Television Knowledge Network provides free and low cost professional development and classroom resources to New Hampshire teachers and students. This session, intended for a general audience, uses lecture/demonstration to profile the many technology-based resources available.

**Th4-02**

Windsor Room 1

## There’s A Local Educational Support Center Near You!

*Matt Treamer, Co-Director, North Country Educational Support Center, and Kathy Malsbenden, Capital Area Center for Educational Support*



Repeat: T3-05, W4-02

New Hampshire’s Local Educational Support Center Network provides several Services to educators in the districts surrounding them. Some of these services include “Tech Buddies” and “Tech partners” workshops, online courses provided at reduced rates, technology integration workshops matched to LoTi levels, training using excellent national resources like TeacherLine, MarcoPolo, Intel Teach to the Future, and more. Teachers attending this session take a tour through the Center websites, view resources produced by those who have already participated in Center activities, and discuss and suggest future offerings.

**Th4-03**

Windsor Room 2

## Inquiry-Based Learning and WebQuests: Compelling Scenarios, Replicable Examples, Exciting Trends






*Maureen Brown Yoder, Professor, Lesley University, Cambridge, MA*



**CANCELED**

Inquiry-based and constructivist activities invigorate instruction and motivate students to take charge of their own learning, understand multiple perspectives, and develop analysis, synthesis, and evaluation skills. The objectives of this session are to provide participants with a brief theoretical background and outstanding examples of WebQuests, that are designed to use learners’ time well and to focus on using information rather than looking for it. Participants see examples of thought provoking questions and compelling scenarios, ingredients of all good teaching, and one of the main components of WebQuests. Highlights include a video of a rare interview with Socrates.

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**Th4-03**  
Windsor Room 2

## Field Trip to The Math Forum

*Claire Meade, Project Manager, The Math Forum, Philadelphia, PA*

★

In this guided tour of the Math Forum @ Drexel, we visit many online resources available to support math education for teachers and students. The session focuses on using Problems of the Week to foster communication and problem solving skills and to enrich the curriculum from grades 3 through high school geometry and algebra. You'll learn how to Ask Dr. Math your mathematical questions, find appropriate technology-based Math Tools to enhance your math curriculum K-12, and take advantage of a vast library of online math resources.

ADDED

**Th4-04**

Balsam Room

## Digital Movies in the Classroom – Student Examples and Assignments

*Mark MacLean, Area Coordinator/Computer Instructor/Graphics; Seth Golden, Student; and Josh Marshall, Student, Merrimack Valley School District, Penacook, NH*

★ 

See Digital Video Projects used in the classroom! This presentation includes a complete project description (handouts available) as well as student samples. Students present their projects and talk to those interested about their experience and challenges. This project includes guided research (Internet), image editing (Adobe PhotoShop™), and Digital Movie Editing (iMovie 3™).

**Th4-05**

Hanover Room

## Grade 1-5 MediaTech Program in Concord - A Sampling of Proven Technology Teaching Ideas

*Kris Pope, Technology Teacher and Mark Denoncour, 5<sup>th</sup> Grade Teacher, Beaver Meadow School and Steve Rothenberg, Technology Coordinator, Concord School District, Concord, NH*

★

Concord's Mediatech program is in its fifth year. The curriculum has been revised numerous times and we are eager to share our experiences and content. Lessons that utilize inspiration, the world wide web, Filemaker Pro, and Excel are all on strands that progress as students move through the elementary grades. Ideas, lessons, and tips are shared during this session. This presentation appeals to classroom teachers as well as technology teachers.

**Th4-06**

Windham Room

## Research in the Digital Age

*Susan Adams, Educational Technology Specialist, New Hampshire Public Television, Durham, NH*

Repeat: T4-05

This session is intended for grade 4-12 educators who use the Internet with their students to conduct research. The session uses lecture/demonstration/discussion to explore strategies for successfully using the Internet as a research tool. Emphasis is placed on helping students develop the skills they need to evaluate the quality of the information they find on the Web, identifying misinformation on the Internet, checking the credentials of information providers, and citing Internet sources. Participants also learn about a variety of quality web sites for general student research and ways to avoid plagiarism.

**Th4-07**

7<sup>th</sup> Floor Lounge

## Squish! Splat! Gumby Goes to School: Students Create Clay Animations

*Elizabeth Buyer, Trainer/Integration Specialist, Tech4Learning, San Diego, CA*

Repeat: T1-07

Clay animation is a highly motivating and incredibly effective way to engage students in curriculum objectives. Clay Animation helps you bridge the gap between the tangible and the technical, making it a perfect hands-on approach to learning. Students can use it to explain chemical, physical, and biological process; recreate historical events; summarize literature; and more. This session explores the process of making clay animation, materials and equipment needed, project ideas, classroom management strategies, and assessment. Educators K-12 benefit from seeing how clay animation can engage students and improve achievement.

**Th4-08**

Portsmouth Room

## Connecting Reading and Technology







*Nancy Keane, Library Media Specialist, Concord School District, Concord, NH*

★

Discover how to build students' language skills using technology. Investigate ways to use the Internet to enhance reading and language arts skills through e-books, e-mail, online projects, audio books, and reading and writing strategies using technology. Explore using technology to brain storm ideas as well as create graphic organizers. Learn about ways to use e-books to enhance student reading comprehension. Find Internet resources that support your reading program.

Repeat: T2-07

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## Th4-19 **Hands-On – Engaging Students with iLife '04**

Chesterfield Room  
**Apple Computer**  
*Dan Delvecchio and Bob Trikakis, Apple Computer*

Bring the sights and sounds that excite and inspire your students effortlessly into the classroom with iLife—a highly integrated software suite that comes on every new Mac. iLife features the latest versions of Apple's award-winning iMovie, iPhoto, iTunes, and iDVD, and the newest addition, GarageBand. iLife helps you and your students get the most out of digital movies, photos, and music in school projects and presentations. Because iLife is so easy to use, students can focus on the content of their projects, not the technology. This session is a hands-on session exploring each of the iLife applications. Seating is limited to 24.

## Th4-21 **Integrating Your Student and Administrative Data to Help Meet the Requirements of No Child Left Behind**

Northwood Room  
**UNICOM**  
*Alex Halachis, Solutions Architect UNICOM*

The No Child Left Behind Act mandates the collecting and reporting of a variety of data to document student performance. For example, most school's must manage data on student achievement, curriculum mapping to state standards, free & reduced lunch data, as well as to meet general operational functions such as accounting and payroll. Currently in most school's these tasks are handled in a number of different ways ranging from a mix of student information systems, customized accounting programs, curriculum management software, and school lunch management programs. This session will discuss ways to integrate your data between your various programs into a meaningful format that is capable of generating reports in an efficient manner. Specific attention will be spent on discussing SIFF compliance and what this means for your organization.

## Th4-22 **Discussion of Best Practices**

Webster Room  
**ViewCom & TANDBERG**

Discussion of Best Practices with award winning Howe Schools in Oklahoma, recently featured in "US News & World Report".

## Th4-23 **Internet Management: An Educator's Approach**

Room 151  
**Multimedia Systems**  
*Peter Cirasole, President & CEO, Basocom Global Internet Services, and Herb Moyer, President, Multimedia Systems, Inc., Exeter, NH*

Learn how to electrify instruction by using BASCOM's Global Chalkboard solution to integrate Web-based lessons into the learning environments of K-12 schools. Realize the benefits of empowering educators with a revolutionary tool that aligns the Internet with instructional goals. Watch how dynamic lessons are designed and delivered using rich and exciting Web content.






## Th4-25 **The Classroom Performance System (CPS)**

Room 155  
**eInstruction**

The Classroom Performance System (CPS), from eInstruction, uses wireless, individual student response pads to increase engagement and ensure 100% participation. Behind the scenes, CPS is tracking every student's performance, providing the teacher with comprehensive assessment reports that are linked to individual state standards. One of the main instructional benefits of CPS is that it allows educators to provide students with a non-threatening environment in which to participate, as all responses are anonymous except to the teacher. Automatic grading of paper quizzes and collaborative team games are also incorporated into the system. CPS is installed in over 7,000 classrooms in all 50 states.

**Closing Session and Great Giveaways!!!**  
**REMEMBER ~ YOU MUST BE PRESENT TO WIN!!!**

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**4:00 pm**  
**Wentworth Room**

***See Following Page for Details***