







# Session Descriptions for Tuesday, November 30, 2004

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

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**7:30am-8:30am**  
**Nashua North**

**MITI-01 Early Bird Training**  
**Introduction to YOUR Palm OS Handheld Computer**  
*(pre-registration required, please see details on pages 80 & 81)*

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**7:45am**  
**Lobby**


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

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

**Welcome:**  
**Dr. Mark Joyce, Executive Director, NHSAA**  
**Mrs. Grace Corrigan, Mother of Christa McAuliffe**  
**Dr. John Moody, President, NHSAA**

## **Keynote Speaker**

 **Mr. David F. Warlick, Technology Consultant & Author**  
**The Landmark Project, Raleigh, NC**

## **Redefining Literacy for a New Century**

As little as we know about the future for which we are preparing our students, it is clear that it will be a place that is governed by information. Accessing, processing, building with, and communicating that information is how we will all make our livings. Being literate in this future will certainly involve the ability to read, write, and do basic math. However, the concept of literacy in the 21<sup>st</sup> century will be far richer and more comprehensive than the 3 R's of the one-room schoolhouse. This enlightening and thought-provoking address makes a case for a literacy model that extends out of reading, writing, and basic math to answer questions like:

- What do you need to know, when most of recorded knowledge is a mouse-click away?
- How do you distinguish between good knowledge and bad knowledge?
- What does it do to the value of information, when everyone is a producer?
- How do we address ethics, when we are empowering our students with such prevailing skills?

Join us in exploring the art of teaching in the 21<sup>st</sup> century classroom







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**11:00am-1:30pm**  
**Wentworth Room**

**Luncheon**  
**Sponsored by Local Government Center – HealthTrust**

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## Tuesday ~ T1 Concurrent Sessions (10:30 to 11:30)

**T1-01 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: Th3-01


**T1-02 EDUCATIONAL COPYRIGHT: What you CAN do in the Classroom**  
 Windsor Room 1 *Stephen Shane, Retired Computer Coordinator, Falmouth, ME*

★ This session presents a basic guide for the classroom teacher and administrators on the application of the Copyright Law, and it's Fair Use exemption to classroom activities, the Internet and distance learning. A PowerPoint presentation and specific examples are used to help convey this material. The advent of new learning technologies, especially multimedia authoring capabilities, has brought to light some problems with constructivist activities as they relate to the use of the intellectual property of others. Specific recommendations are offered for what teachers, schools, and districts should do to avoid legal, moral and ethical difficulties.  
 Repeat: T3-09

**T1-03 The Organization of District Technology Resources: A Primer for Administrators**  
 Windsor Room 2 *Mitchell Shuldman, Head, Media Services, University of Massachusetts, Lowell, MA*

★ 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.  
 Repeat: Th1-02

**T1-04 Linking Technology and Learning**  
 Balsam Room *Dan Cherry, New Hampshire Department of Education, Concord, NH*

 As we begin to understand the impact that technology can have in the classroom, we must look beyond the novelty and push into the area of measurable student achievement. What can we expect from technology? What are the elements to create a formula for student success? What is the role of the LoTi (Level of Technology Implementation) Survey? Come and participate in a discussion on linking technology and learning.

**T1-07 Squish! Splat! Gumby Goes to School: Students Create Clay Animations**  
 7<sup>th</sup> Floor Lounge *Elizabeth Buyer, Trainer/Integration Specialist, Tech4Learning, San Diego, CA*



Repeat: Th4-07  
 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 processes; 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. K-12 Educators benefit from seeing how clay animation can engage students and improve achievement.

**T1-08 1:1 Learning at Armand Dupont School**  
 Portsmouth Room *Betsy Cox Stebbins, Principal, and Peter Letvinchek, Armand R. Dupont School, Allentown, NH*

★ **1:1** In this presentation, a teacher, a student, a tech coordinator, and a principal present their experiences in the Governor's laptop initiative. This session highlights the principal's job in the administration of the

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laptops. The teacher discusses the curricular and classroom aspects of the laptops as a tool for learning. The students talk about what it's like from their perspective to be on the receiving end of this tool both, academically and socially. The tech coordinator talks about making Apple laptops work in a PC building and what it takes to keep this program going.

**T1-09**

Room 150

## **STAR OFFICE – The Other Office Suite**

*Ryan Mahoney, Computer Integration Specialist/Teacher, and Chuck Littlefield, Hampstead School District, Hampstead, NH*

★

Repeat: T3-02

This session targets school members who have been struggling with the cost of Microsoft Office and want to learn more about the alternative Star Office. The purpose of this session is to show that a switch can be made and it can benefit the school's budget, the staff, and the students. The session includes a question and answer session, samples of students work and demonstrations that show how close Star Office is to Microsoft Office and also shows some of the minor differences.

**T1-10**

Room 152

## **Transformational Technology for Middle School Math**

*Sue Scott-Mitchell, Senior Educational Consultant, RM Educational Software, Centerville, MA*

Repeat: T4-10, W2-11, W4-11

This session centers on a whole-class teaching software program called RM Math Framework Edition, that utilizes interactive whiteboard technology to deliver a dynamic and highly motivating math curriculum, with a particular focus on the middle school grades. The integration of state curriculum learning standards, including the New England Common Assessment Program (NECAP) Mathematics GLEs, within the instructional process is also a key area of focus in the presentation. Delegates who have seen this demonstration have commented: "Teachers will be amazed by what this offers both themselves and their students."

**T1-11**

Room 154

## **Sharing It – How We Are Learning and What We've Learned**

*Cyrene Slegona, Teacher, and Rebecca Carpenter, Principal, Cornish School, Cornish, ME*

★

Integrated curriculum, web site development and instructional strategies and resources are presented to teachers and administrators interested in exploring options for incorporating limited computer technology resources in the classroom. An example of a whole school integration project is presented showing how a small school has been combining resources to instruct, demonstrate learning and share progress with the greater school community.

**T1-12**

Room 156

## **Teaching and Communicating Online Using PowerPoint - Made Simple**

*James Prentice, Education Sales Representative, and Greg MacMilan, VP Sales, K-12, Impatica, Inc., Ottawa, Ontario, Canada*

PowerPoint is a popular authoring tool for fast, easy creation of presentations, course content and multi-media communications. Come discover a simple way to now deliver your presentations online with "Impatica for PowerPoint". It supports audio, video, graphics, animations and hyperlinks within PowerPoint to engage the viewer, enhance learning and improve message retention. "Impaticized" presentations play within any basic Web browser and are optimized for delivery to dial-up viewers. In this presentation, you will see demonstrations of PowerPoint used to enhance: staff development/training; student projects/portfolios; parent communications; and teacher bios and websites

**T1-17**

Amherst Room

**Microsoft**

## **Understand Microsoft's Education Licensing Program**

Did you know Microsoft offers discounts of up to 80% to educational institutions? Are you still scratching your head on what is the best Microsoft volume-licensing program for your needs? Microsoft's local Education Solutions Group provides an overview of the three most common academic volume-licensing programs available today. This session is intended to provide a high level understanding of our academic licensing programs thus allowing you to pursue the most appropriate program that meets you and your school's needs.

**T1-18**

Bedford Room




**EduTeam**

## **Chancery SMS: An Overview**

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

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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.

**T1-19**

Chesterfield Room  
**Apple Computer**

## **The Latest and Greatest from Apple**

*Dan Delvecchio and Bob Trikakakis, 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.

**T1-20**

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 makes 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.

**T1-21**

Northwood Room  
**UNICOM**

## **Designing A Wireless Network**

*Ryan Haskell, Solutions Architect, UNICOM*

With the need for wireless connectivity on the rise, so goes the need for a dependable and secure wireless infrastructure. This session takes you through the steps in planning, designing, and deploying a wireless network. Areas of focus include a review of the 802.11a, b, & g standards and the advantages and disadvantages of each. This presentation focuses on better understanding density issues, security concerns, and power requirements. At the conclusion of this session, participants will have a better understanding of how to prepare for a new wireless network and how to maintain an existing one.

**T1-22**

Webster Room  
**ViewCom & TANDBERG**

## **Grants Seminar**

Discussion with Donna Sherrouse, a National Grants Consultant

**T1-23**

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.

**T1-24**

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 you 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

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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.

## T1-25      **The Classroom Performance System (CPS)**

Room 155

### elInstruction

The Classroom Performance System (CPS), from elInstruction, 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.

## Tuesday ~T2 Concurrent Sessions (12:00 to 1:00)

### T2-01      **Technology Promoting Student Excellence Initiative: One Year Progress Report**

Nashua North

*Bob Trikakis, Apple Computer*

Repeated: W2-01,  
Th2-01

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!

### T2-02      **GuideStar – An Astronomy Program to Lead You Through the Night**

Windsor Room 1

*Tom McCarthy, Teacher/Astronomy and Physics, St. Paul's School, Concord, NH*



Repeat: T4-09

GuideStar is a comprehensive astronomy program that offers the beginner or expert an intuitive access to the night sky. During the past four months, the presenter has been working with the author, Cyrille Thieullet, in developing the program so that anyone can pick it up and use it as a guide to the night sky. Many useful tools for the student observer have been incorporated into the program, from simple sky hopping to learn the constellations and star names to complete computer control of any telescope mount that has GoTo capability. This session describes and offers demonstrations of GuideStar's various features.

### T2-03      **Educational Software – Are There Still New, Exciting Titles Being Developed?**

Windsor Room 2

*Eileen Barnett, Director, Instructional Computing, Educational Software Specialist/Chair-Educational Software Preview Guide and Danielle Cannata, Instructional Computing Coordinator, Lesley University, Cambridge, MA*

This presentation offers participants a brief look at some of the newer educational technology products that have entered the educational arena. Products are demonstrated with suggestions on how their use can enhance classroom learning. Participants are also be offered an update on the 2004 Educational Software Preview Guide.

### T2-04      **Right & Wrong on the Information Highway: For Love of the Truth**

Balsam Room



*David F. Warlick, Technology Consultant & Author, The Landmark Project, Raleigh, NC*



Preparing children for an information-driven, technology-rich future requires us to redefine literacy in a way that reflects the changing nature of information. You and I were taught to read what some body handed to us. Our students will read from a global digital library that anyone can publish to, just about anything they want, and for just about any reason. What does this mean to the value of information, its

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reliability, and our responsibilities as citizens who are not mere consumers of information but participants in a global information community? This presentation features thought-provoking ideas about the information world and techniques for teaching our children a new sense of ethics demanded by citizens who are both information consumers and producers.

**T2-05**

Hanover Room

## **Technology Solutions from the NHPTV Knowledge Network**

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

Repeat: Th4-01

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.

**T2-07**

7<sup>th</sup> Floor Lounge

## **Connecting Reading and Technology**

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

★

Repeat: Th4-08

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.

**T2-08**

Portsmouth Room

## **BLOGS & WIKIS: Friend or Foe in the Classroom?**

*Cynthia Dunlap, Educational Technology Consultant, Nashua, NH*

Perhaps you have heard of a blog (short for weblog), but a wiki??? Ask your students, they are likely to know! This session highlights information shared by Bernie Dodge of San Diego State University at the NECC 2004 conference in New Orleans regarding the role of both blogs and wikis in the 21<sup>st</sup> century classroom. Come discover how these powerful new web tools can be integrated into the classroom to engage students and enhance learning.

**T2-09**

Room 150

## **How Can We Make Our Schools Safer?**

*John Burke, VP Operations, and Michelle Leach, Winco Identification Corp., Nashua, NH*

With today's tight budgets and increasing security concerns, every administrator is challenged to keep our schools safe and run more efficiently. In this presentation, administrators explore advances in Photo ID card technology for affordable and effective ways to protect students/staff, manage desktop/Internet access, track visitors/vendors, and automate several school operations into one, easy-to-use ID Card. Please join us to see how easy and cost-effective it is to use Photo ID technology to create a safer environment for learning.

**T2-10**

Room 152

## **Wireless Technology in Your School**

*EarthWalk, Manassas, VA*

Repeat: W2-10,  
Th1-07

Join us for a 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!

**T2-11**







Room 154

## **Using the Internet to Improve Higher Order Thinking Skills**

*Sheila Gersh, Director of Technology/International Projects/Adjunct Associate Professor, City College of New York, New City, NY*

Teachers from all grade levels are introduced to how the Internet can be used to create lessons and projects that will help improve higher order thinking skills. Through presentation, demonstration and audience participation, participants explore a huge collection of ideas and resources. Teachers will leave this presentation with new teaching strategies that can be implemented in all grades and subject areas. Handouts are provided to help teachers begin the applications when they return to their classroom.

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## T2-17 Private and Group Discussions on a Common Topic

Amherst Room

**Microsoft**

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

## T2-18 Data Driven Decision-Making

Bedford Room

**EduTeam**

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.

## T2-19 Apple Enterprise Update for Servers and Storage in K-12

Chesterfield Room

**Apple Computer**

*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 1:1 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.

## T2-20

Hollis Room

**Computer Resources**

### Elementary and Standards Based Report Cards

Satisfying NCLB requirements and tracking state and local standards is a large focus for today's schools. We have the tool to help. This web based classroom management tool will not only make it easy for staff to track standards, but it will also generate custom created elementary report cards, making it the perfect K-12 grading solution. Administrators get the most accurate information about student progress on academic standards to make more effective decisions. Teachers gain timesaving grading tools, parents gain immediate access to their children's grades and students can track their own progress. What's more is this program will interface with your existing administrative software program. Let us show you this amazing system.

## T2-21

Northwood Room

**UNICOM**

### Grant Development Strategies to Support Educational Technology Initiatives

*Wayne Jones from JPS Solutions & UNICOM*

Grant development consultant Wayne D. Jones, in partnership with UNICOM, discusses how school districts can identify grant opportunities and create partnerships with technology vendors to secure funding for educational technology initiatives. This workshop also discusses specific entitlement and competitive grant programs that can support technology projects.

## T2-22

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!

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**T2-23**

Room 151

**Multimedia  
Systems**

## **Internet Management: An Educator's Approach**

*Peter Cirasole, President & CEO, Bascom 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.

**T2-24**

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.

**T2-25**

Room 155

**eInstruction**

## **The Classroom Performance System (CPS)**

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## **Tuesday ~ T3 Concurrent Sessions (1:30 to 2:30)**

**T3-01**

Nashua North



Repeat: W4-04

## **The Power of PDAs in the Classroom**

*Gretchen Williams, Enrichment Teacher and Donald Shirley, Windham Middle School, Windham, NH*

This is a hands-on session designed to demonstrate the power of the PDA. Participants discover the ability to integrate PDAs across all curriculum areas using Zire 71s and portable keyboards. The basics of graffiti, beaming, and many software applications are introduced. Participants create spreadsheets and charts, draw conclusions, and word process results. Using the software Quizzler™, differentiated quizzes will be created and beamed. Zire 71s are an effective tool when used to design rigorous standards-based curriculum. Eighth grade students assist with demonstrating that PDAs are more than just an expensive date book or calendar.

**T3-02**

Windsor Room 1



Repeat: T1-09

## **STAR OFFICE – The Other Office Suite**



*Ryan Mahoney, Computer Integration Specialist/Teacher, and Chuck Littlefield, Hampstead School District, Hampstead, NH*

This session targets school members who have been struggling with the cost of Microsoft Office and want to learn more about the alternative Star Office. The purpose of this session is to show that a switch can be made and it can benefit the school's budget, the staff, and the students. The session includes a question and answer session, samples of students work and demonstrations that show how close Star Office is to Microsoft Office and also shows some of the minor differences.

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

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<b>T3-03</b> Windsor 2	<b>Teaching and Learning Online: Lessons Learned, Proven Strategies, Powerful Examples</b> <i>Maureen Brown Yoder, Professor, Lesley University, Cambridge, MA</i>
★ 	The Lesley University Online Technology in Education Masters Degree Program serves K-12 educators from around the world. This session explores the challenges of teaching and learning online as well as how instructor feedback, community building, and collaborative projects contribute to high retention rates and student satisfaction. The effect of low class size, administrative resources, academic support, and course design and delivery are discussed. What contributes to a successful online learning experience? How can academic concerns and technical difficulties be addressed effectively? How can faculty promote course participation? These questions are addressed and tested guidelines are provided.
<b>T3-04</b> Balsam Room	<b>Finding It on the Net: Becoming a Digital Detective</b> <i>David F. Warlick, Technology Consultant &amp; Author, The Landmark Project, Raleigh, NC</i>
	There are no magic buttons on the Internet. Conducting deep and revealing research over the global network involves strategy, uncovering clues, and investigating a digital universe. This entertaining and practical presentation demonstrates a number of obscure tips for searching the Internet including an approach called S.E.A.R.C.H. Learn how this dynamic model for searching the Internet can grow content and provoke creativity in teaching. Learn to be Sherlock Holmes in Cyberspace.
<b>T3-05</b> Hanover Room	<b>There's A Local Educational Support Center Near You!</b> <i>Christine Nelson, Coordinator, Greater Manchester Professional Development Center, and Steve Kossakoski, Seacoast Professional Development Center</i>
★  Repeat: W4-02, Th4-02	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 are able to discuss and suggest future offerings.
<b>T3-07</b> 7 <sup>th</sup> Floor Lounge	<b>Bringing Living Traditions to Schools Through the Internet: The New Hampshire Folklife Website</b> <i>Lynn Martin Graton, Traditional Arts Coordinator, New Hampshire State Council on the Arts, and Theresa Pare Curtis, New Hampshire State Library, Concord, NH</i>
	This session tours participants through the newly developed New Hampshire Folklife Website. We are especially interested in reaching teachers looking for unique resources on New Hampshire's cultural heritage. The website provides an opportunity for teachers, students and the general public to learn about a vast array of traditions that are woven throughout our communities. Many tradition bearers are unable to visit schools and thus students are not exposed to the variety of traditions that exist within our state. This website is rich with photographs and explanations. It is designed so that a student can use it just to get acquainted with traditional arts and folklife and has depth enough for high school students to conduct in depth research.
<b>T3-08</b> Portsmouth Room	<b>Superintendent Thinking About Technology Integration</b> <i>Mitchell Shuldman, Head, Media Services, University of Massachusetts, Lowell, MA</i>
★  Repeat: W1-02	This session presents the author's recent research study of three New Hampshire superintendents and their views on technology, technology integration, administrative/leadership practices, and the institutional conditions they believe impact teachers' ability to integrate technology. Common thinking was found. They agree that if technology is to be successful, teachers need a better understanding of how these technologies can be applied in instruction. They believe that multiple levels of leadership are essential, and they see lack of time and the public's hesitation to spend public monies on building teacher capacity as obstacles. Come hear more!
<b>T3-09</b> Room 150	<b>EDUCATIONAL COPYRIGHT: What you CAN do in the Classroom</b> <i>Stephen Shane, Retired Computer Coordinator, Falmouth, ME</i>
★	This presentation is a basic guide for the classroom teacher and administrators on the application of the Copyright Law, and it's Fair Use exemption, to classroom activities, the Internet and distance learning.

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Repeat: T1-02

A PowerPoint presentation and specific examples are used to help convey this material. The advent of new learning technologies, especially multimedia authoring capabilities, has brought to light some problems with constructivist activities as they relate to the use of the intellectual property of others. Specific recommendations are offered for what teachers, schools, and districts should do to avoid legal, moral and ethical difficulties.

**T3-10**

Room 152

## **Accessible Information Technology in the Classroom**

*Therese Willkomm, Executive Director, and Dale Sandy, ATECH Services,*

Tremendous advances have been made in development and use of state of the art educational technologies to achieve success in the classroom. This presentation discusses how to fully integrate these technologies to support students affected by various physical, sensory, or cognitive impairments. Over 50 products and examples are demonstrated and discussed.

**T3-11**

Room 154

## **Browser-Based Centralized Library Automation: Cut Costs & Impact Resources Across Your District**

*Wendy Wernick, Follett Software Company, McHenry, IL*

With today's high-speed connections, a centralized district solution may better fit your needs. It's browser-based, reliable and easy to manage - plus it delivers a strong return on investment. Learn how this next-generation, browser-based K-12 library system can help you organize and manage information resources anytime, anywhere across your district.

**T3-17**

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!

**T3-18**

Bedford Room

**EduTeam**

## **Teacher Tools for Teacher Tasks**

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.

**T3-19**

Chesterfield Room

**Apple Computer**

## **PowerSchool 2004**

*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.

**T3-20**







Hollis Room

**Computer Resources**

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

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

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**T3-21**  
Northwood Room  
**UNICOM**  
**Network Security**  
*Ryan Haskell, Solutions Architect, UNICOM*

This session focuses on addressing common security issues facing K-12 school networks. Time is spent discussing frequently-targeted vulnerabilities in educational networks and steps that can be taken to increase overall security. Specific attention is also paid to security issues relating to network infrastructure, wireless networks, and server based computing.

**T3-22**  
Webster Room  
**ViewCom & TANDBERG**  
**How to Implement Your Distance Learning Solution**


A presentation by representatives from SAU 55 and SAU 58.

**T3-23**  
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.

**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 you 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.

**T3-25**  
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.

## Tuesday ~ T4 Concurrent Sessions (3:00 to 4:00)

**T4-01**  
Nashua North  
**SEED's Harvest: High-Quality Teaching and Learning with Technology**  
*Jenifer VanDeusen, Senior Program Director, Center for Educational Services, Auburn, ME*

This session introduces participants to Maine's network of teachers teaching teachers to integrate technology into their classrooms, SEED (Spreading Educator to Educator Developments). The session

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engages participants in understanding SEED's root, research-based framework of high-quality teaching and learning with technology and how it informs the development of high-quality units of study that enable students to meet Maine's Learning Results. It also informs participants of how SEED supports Maine's 1:1 initiative as a partner with Apple Computer.

**T4-02**

Windsor Room 1

## **Technology in the Classroom**

*Paul Holt, Co-CEO, GroupComm Systems, Newton, MA*

What is a Smart Classroom? This presentation covers and demonstrates the dynamics and benefits to implementing a Smart interactive whiteboard into the classroom. Other topics to be covered include, LCD Projection Systems and how they should be incorporated into the classroom, whether they are ceiling mounted or portable. Also provided is a solution for teacher control in the classroom by demonstrating Computer Controlling Software, that allows the teacher to control 15-20 computers without moving from his or her desk. The presentation concludes with a look into the future for Smart Classrooms. This is an interactive discussion that focuses on audience participation with a question and answer session.

**T4-03**

Windsor Room 2

## **Using Videography as an Effective Instruction Tool**

*Peter Pijoan, Coordinator Wolfeboro Community TV & Independent Study Media Teacher, Governor Wentworth School District, Wolfeboro, NH*



Repeat: W2-02

Videography as a teaching tool takes advantage of the fact that most students are visual learners, enjoy seeing themselves on television in the classroom and in front of their peers, and get great satisfaction in being an achiever in something they didn't know they had any talent in. This presentation instructs the participants in basic videography techniques, choice of equipment to keep cost and complexity at a minimum and specific suggestions on the ways to involve the students in the process (increasing self-esteem). This is accomplished with a PowerPoint™ presentation, video examples and hands-on audience participation.

**T4-04**

Balsam Room

## **How the Use of First Class Collaborative Server has Changed the Way the Concord School District Communicates**

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



Concord rolled out First Class Collaboration Server in 2000 and it drastically improved (and changed) the way in which the district communicates. It has become our "killer app". We demonstrate its different powerful and easy features (e-mail, conferences, chat, home pages, www, remote access, archiving, internet storage) from an average user's desktop. Server management (which is not particularly noteworthy anyhow) is not addressed, but districts using First Class or considering a change will benefit from this presentation.

**T4-05**

Hanover Room

## **Research in the Digital Age**

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

Repeat: Th4-06

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.

**T4-07**







7th Floor Lounge

## **Kurzweil 3000: Accommodating Student Needs in High Stakes Testing**

*Cindy Kerrigan, New England Sales, and Nancy Avery, Kurzweil Educational Systems, Inc., Bedford, MA*

Kurzweil 3000 for Windows is an optical character recognition (OCR) and test software program with voice output designed for use by all individuals in reading instruction. Kurzweil 3000 helps students improve decoding and study skills, build vocabulary, complete tests as well as become better writers and editors of their own work. Participants gain an understanding of how to: use reading; access reference tools, use writing supports, use study skills tools, take text from a variety of sources, use Kurzweil 3000 to read the web.

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**T4-08**  
Portsmouth Room **Maximizing Microsoft Office in the Classroom**  
*Catherine Drury, Technology Consultant, Two Rivers Magnet Middle School, Ellington, CT*

★  
Repeat: Th2-08  
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.

**T4-09**  
Room 150 **GuideStar – An Astronomy Program to Lead You Through the Night**  
*Tom McCarthy, Teacher/Astronomy and Physics, St. Paul's School, Concord, NH*

★  
Repeat: T2-02  
GuideStar is a comprehensive astronomy program that offers the beginning or expert an intuitive access to the night sky. During the past four months, the presenter has been working with the author, Cyrille Thieullet, in developing the program so that anyone can pick it up and use it as a guide to the night sky. Many useful tools for the student observer have been incorporated into the program, from simple sky hopping to learn the constellations and star names to complete computer control of any telescope mount that has GoTo capability. This session describes and offers demonstrations of GuideStar's various features.

**T4-10**  
Room 152 **Transformational Technology for Middle School Math**  
*Sue Scott-Mitchell, Senior Educational Consultant, RM Educational Software, Centerville, MA*

Repeat: T1-10, W2-11, W4-11  
This session centers on a whole-class teaching software program called RM Math Framework Edition, that utilizes interactive whiteboard technology to deliver a dynamic and highly motivating math curriculum, with a particular focus on the middle school grades. The integration of state curriculum learning standards, including the New England Common Assessment Program (NECAP) Mathematics GLEs, within the instructional process is also a key area of focus in the presentation. Delegates who have seen this demonstration have commented: "Teachers will be amazed by what this offers both themselves and their students."

**T4-11**  
Room 154 **A New Way to Implement and Teach Information and Technology Literacy! Big6 Turbo Tools**  
*Stephen Kunzler, Sales Representative, Alexandria/COMPanion Corp., Salt Lake City, UT*

Big6 Turbo Tools is a software solution, designed by Mike Eisenberg and Bob Berkowitz, to help students become more productive and successful using the Bic6™ information problem-solving process. This is a DO NOT MISS meeting for anyone involved with or interested in the Big6™!!!!

**T4-12**  
Room 156 **Helping Schools in Need Get Up to Speed**  
*Van Snowdon, Executive Vice President of Business & Financial Development, Conterra Wireless Broadband, Charlotte, NC 28220*




Conterra, LLC is a pioneer in the design, deployment and operation of digital, point-to-point, wireless broadband systems for K-12 schools. Conterra's ultra high-capacity, high-speed networks use state-of-the-art microwave technology to offer scalable 10 Mbps to 1 Gbps of connectivity at cost points at or below that of conventional broadband technologies. Conterra utilizes **only licensed radio spectrum** obtained from the FCC, insuring schools of interference-free bandwidth with virtually no latency. Conterra, LLC is an Eligible Telecommunications Provider (ETP) as defined by the Schools and Library Division of USAC and qualifies as a **Priority One provider of telecom services for E-Rate funding.**

**T4-17**  
Amherst Room **Helping Meet NCLB Mandates with Microsoft's Learning Management Solutions**  
**Microsoft**

With increasing mandates, such as NCLB and more and more parents demanding to be more involved in their children's schoolwork, this session is focused on Microsoft's Class Server solution which makes it easy for school districts to create, deliver, and grade standards-aligned tests and lessons over the Web—helping teachers track and improve student achievement against local curriculum standards, and meet the challenges of No Child Left Behind. We'll also discuss how parents may obtain up-to-date information about classroom activities and resources, allowing them to be more involved in their child's

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learning process; and how teachers can work offline and sync up with their classroom later!

**T4-18**

Bedford Room

**EduTeam**

## **Private and Group Discussions**

Individual or group discussion on a topic of interest.

**T4-19**

Chesterfield Room

**Apple  
Computer**

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

*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.

**T4-20**

Hollis Room

**Computer  
Resources**

## **Run Your Server Based Programs Over the Internet Using Thin Client Technology**

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!

**T4-21**

Northwood Room

**UNICOM**

## **Grant Development Strategies to Support Educational Technology Initiatives**

*Wayne Jones, JPS Solutions, & UNICOM*

Grant development consultant Wayne D. Jones, in partnership with UNICOM, discusses how school districts can identify grant opportunities and create partnerships with technology vendors to secure funding for educational technology initiatives. This workshop also discusses specific entitlement and competitive grant programs that can support technology projects.

**T4-22**

Webster Room

**ViewCom &  
TANDBERG**

## **Discussion of Best Practices**

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

**T4-23**

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.

**T4-24**

Room 153

**Video Hardware**







## **Building a TV Studio with a "TV Studio in a Box"**

*Video Hardware Services, LLC,*



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**T4-25**

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