

# 4 Christa McAuliffe Technology Conference

## ORGANIZING YOUR MCAULIFFE EXPERIENCE

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It takes some time to absorb all of the opportunities at the Christa McAuliffe Technology Conference (CMTC). It was a couple of years before I understood all of the opportunities that existed and how they were arranged! The catalog, while complete and well organized, can be daunting to get through and whittle down to a schedule for your day(s) there. Here's a plan to help you schedule it.

If you're not attending all three days, your workshop, session and presentation choices will help determine which day(s) you will attend. Check out the Conference by Subject listing on pages 6 through 8 to help you find activities of interest to you. Use the Conference Scheduler on page 5 as you determine what you want to do and see. Using the scheduler will help you determine which day(s) have the most for you.

*Note: Pages here refer to the McAuliffe Catalog pages.*

**1. The PSDC Workshops** [pages 10-21] Start by reading through the PSDC workshops to determine if you want to attend any of those. PSDC stands for Professional Skills Development Center, and are different from the other sessions because they are hands-on, using one of several computer labs set up at the conference. The PSDC workshops are an additional expense to attending a day at the show, are not all the same cost, and occur at different times of the day, sometimes overlapping other events.

*On the scheduler, write in your PSDC choices, making a line that blocks off the timeline for each schedule. Also note your choices on the Conference Registration.*

**2. MITI Workshops** [pages 80-81] An offshoot of the Palm Initiative last year, the Master It and Take It workshop pricing includes a device that you keep when you leave as well as training that morning. There are 4 different devices: a Palm, a PocketPC, a digital camera and a GPS. Each device has a morning training session, but please note that the digital camera and the PocketPC training are both on Wednesday at the same time.

*On the scheduler, check off your MITI choices. Also note your choices on the MITI Registration. Payment for MITI must be made out to NHSTE, while others should be made out to NHSAA.*

**3. Keynote Speakers** [pages 4-7] The keynote speakers each have their own theme. These are industry leaders who have insight into their specialty and can help you refine or expand your knowledge base. Take a look at their bios and presentation summary to determine which one(s) you want to attend. Keynotes occur from 8:45 to 10:00am each day, and do not conflict with any other events.

*On the scheduler, check off the Keynotes you want to attend.*

**4. Concurrent Sessions** [pages 22-73] These are the bulk of the conference: one hour sessions given by educators and industry professionals that focus on a specific topic and give you the tools to investigate it further. There are 4 concurrent session times per day, and many different sessions happening at each time slot. Many of the sessions are repeated, which may help you if you find that you have a conflict. Note that in the catalog, daily summaries are on pages 22-23, 40-41, and 58-59, while sessions descriptions follow each day's summary.

*On the scheduler, check off the sessions you want to attend, and write in the name and location of each session. Note session repeats in case you find a conflict later on.*

**5. Exhibitors** CMTC includes a roomful of vendors there to help you understand the products and services they offer. This is a great way to find out more, make contact with a sales rep, get a demo, and compare products and services. The exhibitor's area is open all day, each day.

*On the scheduler, make sure you have some free time to peruse the exhibitors. Remember that time between sessions will be the busiest. Scheduling session time with the exhibitors will give you more access to them.*

**6. Share-A-Thon** Teachers sharing ideas with teachers- is there a better model? The Share-A-Thon features teachers with successful integration models for you to peruse and ask questions about. Take back some great ideas that you can work on immediately in your classroom. Takes place Thursday morning from 10:30 to 12:00.

*On the scheduler, check off the Share-a-Thon if you plan to attend. This will conflict with Concurrent Session Th1.*

**7. Lunch** Don't forget to eat! CMTC has a nice lunch each day. You can choose from a box lunch that you can eat on the go, or a sit down lunch where you absorb the day and relax a bit before you start up again for the afternoon.

*On the scheduler, write in your time for lunch. On the registration, check off box or sit down lunch.*

**8. The Fun Extras** Each day, there is a continental breakfast and a health break in the afternoon. On Wednesday evening, there is a NHSTE reception complete with snacks and giveaways. Thursday afternoon is the conference Closing Session with a speaker, refreshments and raffle prizes. Make the most of your conference and check these out!

*On the scheduler, write in those events that you don't want to miss!*

**CMTC Website**  
**Don't have a conference catalog**  
?  
**All the info's on our newly designed website, located at [www.nhcmctc.org](http://www.nhcmctc.org).**  
**Check it out!**  
**It's got session descriptions, registration forms, information on hotels and much more. In fact, we think it has everything you need to know about CMTC.**  
**Let us know if it's missing anything!**

There it is- your schedule for the conference. Just to throw in a little scheduling mayhem, check the website and the schedule update when you register for changes to the schedule. While we try to keep these to a minimum, sometimes they can't be avoided.

Don't forget to stop by the NHSTE booth to check in. We look forward to seeing you at the conference!

## CONFERENCE SCHEDULER

	TUESDAY	WEDNESDAY	THURSDAY	
7:00				7:00
7:30	Palm MITI	PocketPC or Digital Camera MITI	GPS MITI	7:30
8:00				8:00
8:30				8:30
9:00	KEYNOTE Redefining Literacy for a New Century <i>Dr. David Warlick</i>	KEYNOTE Virtual Learning Environments and Experience <i>Dr. Sara Armstrong</i>	KEYNOTE A Day in the Life of an Educator's Handheld <i>Dr. Kathy Schrock</i>	9:00
9:30				9:30
10:00				10:00
10:30	Concurrent Session T1	Concurrent Session W1	Concurrent Session Th1	10:30
11:00			Share-A-Thon	11:00
11:30				11:30
12:00	Concurrent Session T2	Concurrent Session W2	Concurrent Session Th2	12:00
12:30				12:30
1:00				1:00
1:30	Concurrent Session T3	Concurrent Session W3	Concurrent Session Th3	1:30
2:00				2:00
2:30				2:30
3:00	Concurrent Session T4	Concurrent Session W4	Concurrent Session Th4	3:00
3:30				3:30
4:00				4:00
4:30			Conference Closing Session	4:30
5:00				5:00
5:30				5:30
6:00 TO 10:00				6:00 TO 10:00

# 6 Christa McAuliffe Technology Conference



## CMTC: BREAKING IT DOWN

by Chris McCallum

Looking for subject-specific CMTC activities? Here they are! A few notes and you're on your way...MITI sessions are about technologies that can be used for every subject, but are not listed in each section. Consider those no matter what you are focused on. Page numbers refer to the CMTC catalog. Concurrent sessions are listed by day abbreviation and session number (there are 4 sessions per day.)

Tuesday is T, Wednesday is W, and Thursday is Th.

Session 1 runs from	10:30-11:30	Session 3 from	1:30-2:30
Session 2 from	12:00-1:00	Session 4 from	3:00-4:00.

Therefore, a session on Wednesday from 1:30-2:30 is listed as W3.

Share-A-Thon is on Thursday from 10:30-12:00. This is not a presentation running the whole time, but rather a time to discuss the subject with the presenter. Therefore, you can schedule several share-a-thon sessions during this time. It does, however, conflict with the Th1 concurrent sessions.

### SCIENCE AND TECHNOLOGY

Guidestar - An Astronomy Program to Lead You Through the Night  
T2, T4 [p.28, 36]

Forensic Science with Technology for Middle School  
T1, Th3 [p.25, 67]

Weather on the Web: Resources for Teachers and Students  
W1 [p.44]

Great Resources for Science and Social Studies Using MarcoPolo  
W2 [p.46]

Learning About the Wetlands with JASON  
W3 [p.50]

Making Images of Physics in Action  
W4, Th2 [p.53, 64]

Girls Connect  
Th3 [p.68]

What is a Tech Partner?  
Th3 [p.68]

### SOCIAL STUDIES/ HISTORY

Bringing Living Traditions to Schools Through the Internet: The New Hampshire Folklife Website  
T3 [p.32]

Great Resources for Science and Social Studies Using MarcoPolo  
W2 [p.46]

The "Real Thing" New Hampshire History Resources in the Electronic Age  
W3 [p.54], Share-A-Thon Thursday 10:30am [p.60]

New Methods for Teaching History With Technology  
Th1 [p.62]

### READING/WRITING/LITERACY

Keynote Speaker: Redefining Literacy for a New Century -  
Tuesday 8:45am [p.24]

Information Literacy in Today's World  
W1 [p.43]

ClozePro: Filling the Gaps for Reading Success  
W3 [p.51]

Connecting Reading and Technology  
T2, Th4 [p.29, 72]

### TECHNOLOGY IN EDUCATION

Keynote Speaker: Virtual Learning Environments and Experiences -  
Wednesday 8:45am [p.42]

Linking Technology and Learning  
T1 [p.25]

Sharing It -How We Are Learning And What We've Learned  
T1 [p.26]

Technology Promoting Student Excellence Initiative: One Year Progress Report  
T2, W2 [p.28, 46]

Educational Software - Are There Still New, Exciting Titles Being Developed?  
T2 [p.28]

BLOGS & WIKIS: Friend or Foe in the Classroom?  
T2 [p.29]

Let's Take A Virtual Field Trip!  
T2, W2, Th2 [p.31, 49, 67]

There's a Local Educational Support Center Near You!  
T3, W4, Th4 [p.32, 53, 71]

Superintendent Thinking About Technology in Education  
T3 [p.33]

SEED's Harvest: High-Quality Teaching and Learning with Technology  
T4 [p.35]

### ONLINE AND DISTANCE LEARNING

How To Implement Your Distance Learning Solution  
T3, W3, Th3 [p.34, 52, 70]

Challenging Students to Become 21st Century Learners  
W2 [p.46]

The Granite State Distance Learning Network:What Is It?  
W2 [p.47]

Videoconferencing in Vermont: Impacting Education With the Vermont Interactive Learning Network  
W2 [p.47]

### COPYRIGHT AND RESEARCH

Educational Copyright: What you CAN do in the Classroom  
T1, T3 [p.25, 33]

Right and Wrong on the Informational Highway: For Love of the Truth  
T2 [p.29]

Copyrights (and Wrongs) in a Digital Age  
W3 [p.50]

Research in the Digital Age  
T4, Th4 [p.36, 72]

### MATHEMATICS

Transformational Technology for Middle School Math  
T1, T4, W2, W4 [p.26, 36, 48, 55]

## THE INTERNET

Using the Internet to Improve Higher Order Thinking Skills  
T2 [p.30]

Internet Management: An Educators Approach  
T2, T4, W1, W3, Th2, Th 4 [p.31, 38, 45, 52, 67, 73]

Teaching and Learning Online: Lessons Learned, Proven Strategies, Powerful Examples  
T3 [p.32]

Finding It On The Net: Becoming a Digital Detective  
T3 [p.32]

If It's On The Web, It Must Be True!  
W4, Th3 [p.54, 68]

Share-A-Thon; Oh, The places You'll Go!  
Thursday 10:30-12:00 [p.60]

## INTERNET SAFETY

Share-A-Thon; Internet Safety  
Thursday 10:30-12:00 [p.60]

NetSmartz: An Interactive Internet Safety Education Resource for K-12 - Thursday 10:30am p.61

Video-TV-Animation Multimedia Squish! Splat! Gumby Goes To School: Students Create Clay Animations - Tuesday 10:30am p.25, Thursday 3pm p.72

Building a TV Studio with a "TVStudio in a Box" - Tuesday 10:30am, 12pm, 1:30pm, 3pm p.28, 31, 34, 38, Wednesday 10:30am, 12pm, 1:30pm, 3pm p.45, 49, 53, 56, Thursday 10:30am, 12pm, 1:30pm, 3pm p.64, 67, 70

Technology Solutions From the NHPTV Knowledge Network  
T2, Th4 [p.29, 71]

Using Videography as an Effective Instruction Tool  
T4, W2 [p.35, 46]

Let's Get Digital: Using Cameras and Multimedia to Construct Learning  
W1, Th3 [p.43, 69]

Community-Based Educational Television - Evolution From Analog to Digital  
W1, W3 [p.44, 50]

Retention, Application and Engagement Through Multimedia  
W4 [p.54]

Share-A-Thon; Digital Movies in the Classroom - Student Examples and Assignments  
Th1 [p.60]

What is a Tech Partner?  
Th3 [p.68]

Digital Movies in the Classroom - Student Examples and Assignments

## FOR WINDOWS USERS

Understanding Microsoft's Education Licensing Program  
T1 [p.26]

Leveraging the Power of Windows XP, Windows Server 2003 and Office 2003 in the Connected Classroom  
T3, Th1 [p.33, 62]

Maximizing Microsoft Office in the Classroom  
T4, Th2 [p.36, 65]

Helping Meet NCLB Mandates With Microsoft's Learning Management Solutions  
T4, W3 p.37, 51]

Best Practices for Securing Your Microsoft Windows Environment  
W1, Th3 [p.44, 69]

Developing Electronic Portfolios Using PowerPoint  
W2 [p.47]

Using PowerPoint to develop Student Organizational, Presentation and Ethical Skills  
Th2 [p.64]

## FOR MAC USERS

The Latest and Greatest From Apple  
T1, W1, Th1 [p.27, 44]

Apple Enterprise Update for Servers and Storage in K12  
T2, W2, Th2 [p.30, 48, 66]

PowerSchool 2004  
T3, W3, Th3 [p.33, 52, 69]

Hands-On - Engaging Students With iLife '04  
T4, W4, Th4 [p.37, 55, 72]

What is a Tech Partner?  
Th3 [p.68]

Digital Movies in the Classroom - Student Examples and Assignments  
Th4 [p.71]

## LINUX AND OPEN SOURCE

STAR OFFICE - The Other Office Suite  
T1, T3 [p.26, 32]

Bridging the Digital Divide with Open Source and LINUX Software in a K12 New Hampshire School District  
W4, Th2 [p.54, 65]

LINUX in Education: What is Happening Around the World  
Th1 [p.62]

## LAPTOPS IN EDUCATION

1:1 Learning at Armand Dupont School  
T1 [p.26]

Technology Promoting Student Excellence: An Empirical Investigation of New Hampshire's 1:1 Computing Program - W1, Th2 [p.43, 64]

Vermont's 1:1 Computing Initiative  
Th1 [p.62]

## DISTRICT AND STUDENT MANAGEMENT

Chancery SMS: An Overview  
T1, W2, Th3 [p.26, 48, 69]

Don't Rely on Yesterdays Technology to Track Today's Data  
T1 [p.27]

Teacher Tools for Teacher Tasks  
T3, W1, Th2 [p.33, 44, 66]

PowerSchool 2004  
T3, W3, Th3 [p.33, 52, 69]

Reporting and Organizing Your NCLB Data  
T3, Th3 [p.34, 70]

Designing a Storage and Back-Up Plan for Your Electronic Data  
W4 [p.56]

Data Driven Decision-Making  
Th1 [p.63]

Integrating Your Student and Administrative Data to Help Meet the Requirements of No Child Left Behind  
Th4 [p.73]

# 8 Christa McAuliffe Technology Conference

## ASSESSMENT AND EVALUATION

“Orchard For Your State” Software

T1, T3, W2, W4, Th1, Th3 [p.27, 34, 49, 56, 63, 70]

The Classroom Performance System (CPS)

T1, T2, T3, T4, W1, W2, W3, W4, Th1, Th2, Th3, Th4 [p.28, 31, 35, 38, 46, 49, 53, 56, 64, 67, 71, 73]

Elementary and Standards Based Report Cards

T2, W4 [p.30, 56]

Kurzweil 3000: Accommodating Student Needs in High Stakes Testing

T4 [p.36]

Helping Meet NCLB Mandates With Microsoft’s Learning Management Solutions

T4, W3 [p.37, 51]

How to Successfully Implement Kurzweil 3000 Into Your School Environment

W1 [p.44]

Developing Electronic Portfolios Using PowerPoint

W2 [p.47]

Reporting and Organizing Your NCLB Data

W2 [p.48]

Integrating Your Student and Administrative Data to Help Meet the Requirements of No Child Left Behind

W3 [p.52]

## GRANTS AND RESOURCES

Grants Seminar

T1, W1, Th1 [p.27, 45, 63]

Grant Development Strategies To Support Educational Technology Initiatives

T2, T4 [p.30, 37]

EdMarketing

Th3 [p.68]

## PARENTS

Communication Partners: Parents, Students, and Teachers Using Technology

Th3 [p.69]

## WIRELESS AND PDA TECHNOLOGY

Keynote Speaker: A Day In The Life of an Educator’s Handheld - Thursday 8:45am [p.60]

Designing a Wireless Network

T1, W1 [p.27, 45]

Wireless Technology in Your School

T2, W2, Th1 [p.29, 47, 62]

The Power of PDAs in the Classroom

T3, W4 [p.31, 54]

Technology Promoting Student Excellence Initiative: One Year Progress Report

T2, W2 [p.28, 46]

Power in the Palm of Your Hand

Th1 [p.61]

## SPECIAL EDUCATION

Accessible Information Technology in the Classroom

T3 [p.33]

Using Student ePortfolios for Transition Planning and IEP Development

W1, W3 [p.43, 51]

Technology, AVPand Literacy: Improving Outcomes for Students with Learning Disabilities/ Differences

W4 [p.55]

## FOR TECHNOLOGY DIRECTORS, COORDINATORS AND ADMINISTRATORS

The Organization of District Technology Resources: A Primer For Administrators

T1, Th1 [p.25, 61]

Chancery SMS: An Overview

T1 [p.26]

Don’t Rely on Yesterdays Technology to Track Today’s Data

T1, W3 [p.27, 52]

Designing a Wireless Network

T1 [p.27]

How Can We Make Our Schools Safer?

T3 [p.29]

Data Driven Decision-Making

T2, W3 [p.30, 51]

Apple Enterprise Update for Servers and Storage in K12

T2 [p.30]

Superintendent Thinking About Technology in Education

T3, W1 [p.33, 43]

Network Security

T3, W2 [p.34, 48]

How the Use of First Class Collaborative Server Has Changed the Way the Concord School District Communicates

T4 [p.35]

Run Your Server Based programs Over the Internet Using Thin Client Technology

T4, W1, Th2 [p.37, 45, 66]

Textbook Tracker - Textbook Management Software for Windows and Macintosh

W1 [p.44]

Reflections on Migrating to Win2003 and Thin Client in the Concord School District

W3 [p.50]

Integrating Your Student and Administrative Data to Help Meet the Requirements of No Child Left Behind

W3 [p.52]

Bridging the Digital Divide with Open Source and LINUX Software in a K12 New Hampshire School District

W4 [p.54]

Software Solutions for Educators

W4 [p.55]

Thin-Client Computing

Th1 [p.63]