



Fitting NHSTE events into the larger professional development picture

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A Newsletter for
Technology Using
Educators



Part of being a teacher is maintaining professional development requirements as outlined in state and federal mandates.

Part of being a teacher in the modern world is knowing how to use technology as a teaching tool.

“Basically there’s an assumption ... in this 21st century environment that part of a teacher’s professionalism is use of technology,” said Cathy Higgins, the NHSTE liaison at the state Department of Education. “So, there’s an assumption that technology would be sort of a part of a teacher’s toolkit.”

This November, about 2,000 New Hampshire educators are expected to flock to Nashua for the 19th annual Christa McAuliffe Technology Conference, hoping to glean a bit of technological savvy to bring back to the classroom.

Showing that what they learn from their time at the CMTC is “ongoing, sustainable, and high quality,” however is key to districts obtaining federal funds – namely Title II-D money – to help pay for such professional development activities as those offered through the three-day conference.

Higgins said it can be hard to show the lasting effects of an hour-long workshop. But if that workshop is directly related a teacher’s subject, or if the educator taking the workshop is going to return to his or her district to pass the teaching onto peers, it may be eligible for II-D money. Mainly, any eligible activity needs to have an element of sustainability and must fit into the school district’s long-term plan for professional development.

“We have always felt that CMTC was easily incorporated into a larger professional development picture,” said Cyndi Dunlap, NHSTE board member and chair of the conference. “But we left the orchestration of that up to the individual districts and educators.”

Since the implementation of the No Child Left Behind Act in 2001, federal standards for using Title II-D money to pay for professional development in the technology arena have become stricter, Higgins said. To obtain funding, educators and school districts must demonstrate that an educator will be able to use what is learned through a professional development activity in his or her day-to-day work in school and that the activity fits into the larger whole of a district’s master plan.

“Now we have to ask the harder questions,” Higgins said of determining which activities may receive II-D funding. “How does [the activity] fit into their district technology plan, and how does it fit their district professional development plan? And how does it help increase student achievement. If you can draw connections between these things...then you can justify [funding].”

While federal funding has been available to districts for technology training for several years, with No Child Left Behind, the rules have changed a bit. Half of the money is distributed through the state DOE to districts based on a formula of need, Higgins said, and each district must use 25 percent of those funds for professional development related to technology integration.

“That can mean a lot of different things,” she said, including sending educators to CMTC. “If a teacher were attending the McAuliffe conference, the assumption is that they’re looking at activities and they’re attending workshops there that relate to the content area that they teach and that relate to how to use technology to enhance whatever content it is that they teach,” Higgins said.

Higgins stressed that effective professional development endeavors must “fit into a long-term process of professional growth, not sort of a whole set of separate, disconnected events.” “It’s a hard change, and in some ways there are aspects that we don’t like,” Higgins said of the new regulations inspired by No Child Left Behind. “This is one aspect that is actually good for us. It forces a district to think of a careful use of the funding and [to] have more focus.”

To that end, Dunlap said, NHSTE has been working to extend the effects of CMTC beyond its three days, in part through collaborating with

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Letter from the President

by Deb Boisvert
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Last time I wrote to you it was about looking forward to the summer. Now I find myself looking toward fall. Oh, but I should say forward to fall. In August I return to my roots in the classroom. While I frantically attempt to make the most of my last bit of vacation, I find myself "shopping for students". At the beach, in a restaurant or tourist destination, I size up kids, guess what grade they might be in, and decide if they would be fun to have or quite a handful. I imagine my classroom, much the way I imagine my garden when I have finished planting - not a weed in sight, flowers blooming, and produce rolling onto my plate. In the classroom of my imagination all the new ideas I have discovered are implemented and refined. I am in educational fantasyland.

Now my classroom is larger. It envelops all the kids in the school, teachers, administrators and paraprofessionals. My classroom fantasyland has become a metropolis. All of the wonderful things I heard about at the National Educational Computer Conference, the strategies I outlined in my recently submitted technology plan, and the stimulating direction provided by the newly approved Minimum Standards for Public School's Information and Communication Technologies Literacy (ICT) Program are in place. In my imaginary garden it is a thing of beauty. The technology is rolling out of my office into the hand of students. I can rest.

Oh, what summer fantasies! Maybe they are the things that keep me going. Coming off the rosy glow of summer inspiration here is the short list of those things that will have high impact for me this year.

1. Blogging/RSS - Blogging and podcasting were the buzzwords at NECC. I got hooked on the idea of using a blog for professional development. A blog provides anytime access to thoughtful discussions (well other things too, but for now let's focus on the thoughtful). When I returned from NECC I immediately set up a blog for those people from our district who had attended. We have learned a lot together. To take a look at our blog go to <http://dcsshare.blogspot.com/>. To get started yourself go to <http://learn2blog.weblogger.com/> and see what the Chicago Public Schools are doing.

While you are exploring, check out Bob Sprangle's site, <http://bobsprangle.com/blog/>. Bob is a teacher from Maine who is blogging and podcasting with his class of 3rd and 4th grade students in Wells, Maine. Bob will be at the McAuliffe Conference this fall. We will also be featuring an iPod in our popular Make It and Take It, MiTi, workshops at the McAuliffe Conference.

To make your blog/pod life easier, sign up for RSS [Really Simple Syndication]. David Warlich has a wonderful overview of this technology at <http://www.digitaldivide.net/blog/dwarlick/view?PostID=1498> With RSS updates of the sites you follow will be delivered to your desktop continuously. David will be at the Local Educational Support Centers the week of September 25th. He will also be the dinner speaker at the NHSTE annual meeting that week. If you are interested in learning more about David or get your fingers into blogging see the NHSTE Book Blog article or go to <http://nhste.blogspot.com/>

2. Minimum Standards for Public School: Information and Communication Technologies Literacy (ICT) Program This is the next big thing for state of

Continued on page 5



MITI Returns to Christa McAuliffe Technology Conference in 2005

The very popular early-bird “Master It & Take It”, aka **MITI**, workshops at the CMTC conference will be offered once again in 2005. The cost of these early-bird MITI sessions includes one of the following devices: a digital camera, an iPod and iTalk combo, or a ReadingPen scanning, talking dictionary. You choose from the descriptions below!

MITI-01 Introduction to YOUR Digital Camera

Sonja Gonzales, Fremont School District

Tuesday, 11/29/05, Nashua North, 7:30 to 8:30 am

A digital camera, recommended for classroom use, is included in the cost of this workshop. During this 1-hour early-bird session, participants learn the basic functions and features of their digital camera. Tips and techniques for taking quality digital images and a brief discussion of classroom integration strategies are included. Participants practice taking, reviewing, and deleting images. Cost: \$230

MITI-02 Introduction to YOUR iPod & iTalk Device

Maria Knee, Deerfield School District

Wednesday, 11/30/05, Nashua North, 7:30 to 8:30 am

An Apple iPod and compatible Griffin iTalk voice recorder, recommended for classroom use, are included in the cost of this workshop. During this 1-hour early-bird session, participants learn the basic functions and features of their iPod and the iTalk. Participants learn how to navigate menus, setup user information, and other essential skills required to use the iPod/iTalk combination as a music player, personal management tool, and portable learning device. Cost: \$330

MITI-03 Introduction to YOUR ReadingPen

Cynthia Dunlap, Educational Technology Consultant

Thursday, 12/1/05, Nashua North, 7:30 to 8:30 am

A handheld, text-scanning, talking dictionary device called a ReadingPen, recommended for classroom use, is included in the cost of this workshop. The K-12 ReadingPen recognizes over 240,000 words, featuring the American Heritage® Children's Dictionary/Thesaurus and the Spanish equivalents. During this 1-hour early-bird session, participants review tips and techniques for device setup, scanning text, and accessing the dictionary/thesaurus features. Classroom introduction and integration strategies are introduced. Cost: \$110

Registering for a MITI workshop is a simple TWO STEP process.

STEP 1:

Complete the MITI registration form (found at both the conference website –www.nhcmtc.org – or in the CMTC Conference Program), by selecting the MITI workshops you would like to attend.

STEP 2:

Mail THE registration form with a check, money order, or PO payable to:

NHSTE – MITI Workshops,
Bow Brook Place, 46 Donovan Street,
Suite 3, Concord, NH 03301

(Please note that this registration is separate from the CMTC conference registration form.)

The deadline for registering for MITI early-bird workshops is November 4, 2005.

Follow-up MITI workshops on these devices, Palm handheld computers, and GPS units will be held in the fall of 2005 and the winter and spring of 2006. Keep an eye on the NHSTE website for more details.

For more information about the MITI workshops go to the conference website at www.nhcmtc.org and there is a link from the home page to all MITI registration materials.



Making the most of McAuliffe throughout the school year . . .

includes weaving your conference experience into a comprehensive professional development plan for you, your school, or your district. NHSTE, in partnership with other state organizations such as NHSAA, the LESCEN professional development centers, ATECH, and SERESC, Inc, is making that easier every year!

The following Conference Extensions are currently planned . . .

David Warlick Professional Development Series

"Redefining Literacy for a New Century", David Warlick began the dialog as our opening keynote speaker in November 2004. In 2005, he returns to New Hampshire, both virtually and face-to-face to continue and support the discussion modeling emerging technologies.

- **August 2005:** Join NH educators in reading & discussing via a blog David Warlick's "Raw Materials for the Mind". David will be hosting and participating in our NH blog!
- **September 2005:** David comes to NH for the week of the 25th to conduct interactive 3-hour workshops hosted by the LESCEN centers.
- **Winter 2005/2006:** Collaborate with a cohort group to develop a NH wiki focusing on Information Literacy strategies across disciplines and grade levels.

Annette Lamb Professional Development Series

Dr. Annette Lamb returns to amaze us with ideas and strategies for determining where our students are at, where they need to go, and the means to get them there!

- **November 2005:** Meet with Annette on the Tuesday evening prior to her keynote session, to discuss your greatest teaching and learning challenges. Then attend her keynote and concurrent sessions on Wednesday at CMTC.
- **Winter 2005/2006:** The curriculum and technology integration discussion continues online throughout the winter.
- **April 2005:** Annette comes to NH for the week of the 3rd to conduct interactive 3-hour workshops hosted by the LESCEN centers.

Adaptive/Assistive Professional Development Series

Madalaine Pugliese joins us at CMTC as one of our distinguished speakers. She presents her database of adaptive/assistive technologies, her process called STAGES, and the tools she has developed to effectively select the right solution!

- **March 2006:** NHSTE and SERESC again host a day devoted to learning about adaptive/ assistive technology solutions and partnerships.
- **Summer 2006:** NHSTE and SERESC host a 3-day series to certify district teams in the use of all the STAGES tools and techniques.

The following Conference Extensions are currently planned . . .For more information on any of these and additional CMTC conference extensions, please check out the CMTC or NHSTE websites:

www.nhcmtc.org or www.nhste.org

Letter from the President by Deb Boisvert - *from page 1*

technology in the state of New Hampshire. Check out recently adopted changes at Ed 306.42 Information and Communication Technologies Program @ <http://www.ed.state.nh.us/education/laws/Ed306Adopted.htm>. There are changes in the high school and elementary/middle school technology requirements that will effect all of us. NHSTE will work closely with the State Department of Education, the Local Educational Support Centers Network, SERESC, and other state organizations to help you in this exciting time of growth. David Warlick has offered to be part of an online discussion on this topic this winter.

3. Professional Development opportunities offered by NHSTE. We have three major strands that will continue throughout the year with at least 3 different opportunities for participation.

- “Redefining Literacy for a New Century”, David Warlick began the dialog as our opening keynote speaker in November 2004. In 2005, he returns to New Hampshire, both virtual and face-to-face to continue and support the discussion modeling emerging technologies.
- Dr. Annette Lamb returns to amaze us with ideas and strategies for determining where our students are at, where they need to go, and the means to get them there!
- Madalaine Pugliese joins us at CMTC as one of our distinguished speakers. She presents her database of adaptive/assistive technologies, her process called STAGES, and the tools she has developed to effectively select the right solution!

I’m ready to go. This will be an exciting year. The garden is planted and I’ve faced both fantasy and panic, so far no weeds.



The Tipping Point

(7th grade team at Rye Jr. High School)

by Kim O’Connell, RJH Staff
kocConnell@sau50.k12.nh.us

Where do you turn in your small school for help to better integrate technology? Of course, a technology integrator. Well, our small school doesn’t have one, nor a technology coordinator or technician. So what’s your next step?

We, a small group of middle school teachers, were in that predicament and decided to take matters into our own hands. We recognized several elements that were holding us back; inexpensive training that was close to our school,

knowledge of how to effectively use of some of our current hardware and software, working in isolation of our own disciplines, and of course, time. Without time, technology tended to go on the back burner and our intentions lost momentum.

Individually, we had the interest and recognized the potential of integrating technology. Technology was not going away and now the students knew more than us! We had reached the “tipping point” and decided to write a local, community grant to create a professional development opportunity for the summer. We intended to share our own expertise with each other to ultimately impact our students and other staff at our school. The grant was approved.

Coming from a variety of disciplines and levels of expertise with the current technology in our school, we agreed to meet during the summer. Several of us were able to attend NECC, the national conference, in Philadelphia (the result of a different grant). We became resources for each other. The ability to network, talk and learn from each other allowed us to move beyond our current capabilities. Lesson plans became more creative and interdisciplinary.

“Results planning” drove our training. We developed results (goals) for each day and planned activities to meet those results. (We also included funds for outside trainers.) As time was limited, we made decisions to go in depth with some activities and skim over others to get more in. We made ourselves accountable by researching on our own in the evenings, reporting back to the group and modifying our curricula.

Our experience will continue into the school year. We’ve planned lessons for our classrooms and ways to train the rest of the staff, “paying it forward.”

What did we learn? There’s still not enough time to learn or do everything, but now we’ve got a handle on some of it and can be more effective teachers. Here’s a list of some of the topics/activities. You can also find a list of web resources at <http://www.sau50.k12.nh.us/rye/rjh/rjhtechgroup.htm>.

Blogs, wikis, podcasts, digital audio recording (iPod and iTalk), tips and tricks for Word and Powerpoint, visual mapping, digital photography, scanner use, LifeQuest, NETS-S, handhelds, grading program, document storage, and web resources. There is so much to do and learn, and we’ll keep going with the momentum that we’ve gained. Contact us and let us know what your thoughts are, and how you’ve overcome similar difficulties

Mark your Calendars, David Warlick is coming back to New Hampshire in September 2005!!!



NHSTE and four of the LESCEN (Local Educational Support Centers Network) professional development centers have partnered to bring our opening keynote speaker at the 2004 Christa McAuliffe Technology

Conference, David Warlick back to New Hampshire the last week in September to conduct eight hands-on workshops.

Mr. Warlick's enlightening keynote session addressed the topic of information literacy in the 21st century. His concurrent sessions detailed effective strategies for finding information on the Internet and considered legal and ethical implications of using information from the Internet. Details regarding specific topics for the New Hampshire hands-on series are still being refined, but dates and locations have been confirmed.

Each site will offer two 3-hour workshops, one in the morning and one in the afternoon. Although sequenced in a logical fashion, teachers can choose to attend either one or both of the sessions.

Monday, September 26th ~ swnhesc (Southwest NH Educational Support Center) in Keene
Contact: Beverly Straneva - 603.357.0101 - bstraneva@sau29.org

Tuesday, September 27th ~ CASES (Capital Area Center for Educational Support) in Penacook
Contact: Kathy Malsbenden - 603.848.4647 - kmalsbenden@mv.k12.nh.us

Wednesday, September 28th ~ gmpdc (Greater Manchester Professional Development Center Manchester)
Contact: Chris Nelson - 603.624.6300 Ext. 166 - cnelson@mansd.org

Thursday, September 29th ~ spdc (Seacoast Professional Development Center) in Exeter
Contact: Rick Chretien - 603.775.8693 - rchretien@sau16.org

Potential workshop topics include:

- Blogs, Wikis, & Podcasting:
Students Journalists & Information Masters
- Integrating Contemporary Literacy into the Classroom
- Building Online Learning Experiences for Your Students
- Using the Internet to Enhance Classroom Teaching & Learning
- Right & Wrong on the Information Highway:
For Love of the Truth

- The Art & Technique of Creating Video Essays
- iMovie: Lights! Camera! Action!
- Combating Plagiarism in the Classroom

More information about David Warlick and his workshop offerings can be found at his website: www.landmark-project.com.

David will also be speaking at the NHSTE Annual Meeting at St. Paul's School in Concord, NH on Wednesday, 9/28, from 4:30 to 8:30. To sign-up for this relaxing, yet informative evening, please download the registration form from the NHSTE website (www.nhste.org).

If you are interested in attending one of the David Warlick workshops, contact the PD Center Director closest to you! Session specifics, schedules, and registration forms will be posted on the NHSTE (www.nhste.org) and pd center websites (www.nheon.org/centers/index.htm) on Tuesday, September 6th. Registration will be first-come, first-served and they will fill up fast, so stay tuned for more information!

Fitting NHSTE events into the larger professional development picture
by Meghan McCarthy - *from page 1*

professional development centers throughout New Hampshire, for example with the state-sponsored Local Educational Support Centers Network (LESCEN) and its six locations across the state.

That collaboration also allows NHSTE to extend CMTC activities beyond the conference. For the 2005-2006 school year NHSTE has a number of "Professional Development Series" scheduled as extensions of the McAuliffe conference:



- David Warlick will meet with educators virtually and in person to discuss emerging technologies from August through the winter. He will participate with educators through a blog and during workshops hosted by LESCEN centers.



- Annette Lamb, one of this year's CMTC keynote speakers, will extend her work with New Hampshire educators beyond the conference in online discussions and through workshops hosted by LESCEN centers.

- Madalaine Pugliese will continue the dialogue she begins at CMTC with special education teachers during a March workshop hosted by NHSTE and Southeastern Regional Education Service Center (SERESC) and again during a summer 2006 three-day series.

"NHSTE is content, vision, and connections strong," Dunlap said. "We are manpower and facilities weak, so partnering is a logical move for us."

Telecommunication Tidbits

by Sheila Adams and Sonja Gonzalez
while Brewster is on vacation



NHSTE

The NHSTE web page can be found at:
www.nhste.org/

LifeQuest

<http://www.questnetwork.com/>



LifeQuest Expedition is exploring the four parts of the world, called Blue Zones, where people live the longest, healthiest lives. Our mission is to unlock the secrets of these regions to share ways to reach your own personal Blue Zones of longevity. Follow our expedition team's discoveries online, plus visit the Find Your Blue Zones section for tools that will help you get the most time out of life and the most life out of your time. Curriculum materials and web access are free. Produced by Dan Buettner, who also did the MayaQuest and other quest series.

BLOGMEISTER

<http://classblogmeister.com/>

This blog website, run by David Warlick, includes tools that educators need to keep their students safe, like requiring all posts be approved by the teacher and password protecting the site for both participants and viewers.

Web Exhibits

<http://webexhibits.org/>

Want to know all about Daylight Saving (and it is saving, not savings!) Time? How about the history of butter? Why we see color? Find this and more at the Web Exhibits page. Make a webquest for your students, and make this the first stop!

topozone

<http://www.topozone.com/>

Using a GPS or working with longitude and latitude in class is made easier with this website. Give it any set of coordinates or a town, and it will return a topographical map of the area. Great for students learning about navigation and geographical information.



<http://loc.gov/>

The Library of Congress has extensive online resources for teachers and students. Have your students use Primary Source documents for their research and publications; listen to authors read their works and

American heritage songs and music; listen to webcasts; and play games to test their knowledge and understanding of America and its history.



Send your name to Pluto

<http://www.pluto.jhuapl.edu/>

Get your students excited about space by signing up to have their names on a special eCard being sent to Pluto. It will arrive in July 2015, just in time for them to graduate from College (seventh graders, anyway!) The New Horizon probe carrying this eCard launches in January, so sign up before then!

NHSTE Book Blog - nhste.blogspot.com

By Deb Boisvert

NHSTE is starting a book blog and you are invited! We are inspired by the blog presence at NECC and the uses of blogs for professional development. This will be a collaborative effort. I am not a fan of the pontifical blog, so I need you to contribute. Join us at nhste.blogspot.com. If you are interested in posting as well as commenting email me at dboisvert@sau53.org

In preparation for David Warlick's visit to New Hampshire in September we have chosen Raw Materials of the Mind. David says this book "continues to focus on the technology, its operation, application in teaching and learning, and, most importantly, the why, for modernizing our classrooms for a rapidly changing world." (page 6 Raw Materials of the Mind) You can purchase a print - \$15.69 or pdf - \$5.31 version of this book from <http://www.lulu.com/content/116469>. Hope to see you there.

FALL 2005 CALENDAR

AUGUST Raw Materials for the Mind book discussion (see article, pg.7)
SEPTEMBER Week of 9/26: David Warlick Week including Annual meeting
SEPTEMBER 26TH Annual Meeting
OCTOBER ____ Palm MITI (tentative)
NOVEMBER ____ Wiki exploration (tentative)
NOVEMBER 30, DECEMBER 1 & 2 - Christa McAuliffe Technology Conference
DECEMBER ____ - Annette Lamb
JANUARY/FEBRUARY-. Post McAuliffe workshops
MARCH 15 - SpEd workshops (SERESC)
APRIL ____ Annette Lamb
MAY ____ Geocaching SuperThursday



Information and descriptions of these events can be found at:

www.nhste.org

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