

Technology & PD Center News

LoTi Project Schools Announced

The NCES T&PDC is pleased to announce that three of the six Level of Technology Integration (LoTi) Project Schools for the 2005-06 are from the North Country. The schools selected are **Groveton High School, LinWood School, and Whitefield School.** LoTi Project Schools will work throughout the year with Dr. Chris Moersch and Dan Cherry on technology implementation projects that promote higher-order thinking.

LoTi Mentor Trainer Program

Congratulations to the eleven successful North Country applicants to the LoTi Mentor Training Program. Their training will emphasize the processes underlying powerful teaching and learning. Participating in the program are:

Sarajeen Harris, Bethlehem Elementary School
Kathryn Avery, Edward Fenn School
Michelle Fox-Bushaw, Groveton High School
Steve Torrey, Groveton High School
Mary Burnham, Haverhill Cooperative Middle School
Ellen Swain, Haverhill Cooperative Middle School
Carol Smith, Lin-Wood Public School
Jude Lepine, Profile School
Sr. Suzanne Rivard, St. Michael School
Steven Opre, Stratford Public School
Sharal Plumley, Whitefield School
Amy Boyd, Woodsville High School

\$5,000 Technology Integration Mini -Grants

Twenty-seven mini-grants to support technology integration projects will be awarded through a statewide competition. An overview session (mandatory for at least one person from an applying team) will be held on October 24th at the NH Department of Education, Room 15. See the next newsletter for further details or check the NCES website for updates.

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Learning-Focused Mentoring

Before settling in for summer break, teams from SAUs 3, 36 & 68 came together for an intensive five-day institute on learning-focused conversations. As part of the North Country Induction-with-Mentoring Project, these teachers assembled at NCES the last week of June to expand their mentoring repertoire.



Berlin School District : (l-r) Tom Sweeny, Tammy Fauteux, Nicole Arguin, Ann Nolin, Cheryl Bouchard, (front) Ben Murphy.



LinWood School District : (l-r) Caryn Johnk, Helene Anzalone, Michael Weaver, Diane Daniels, Brenda Seiferth & Joanne Magnan.

The institute was facilitated by Bruce Wellman and Laura Lipton, authors of *Mentoring Matters*. As leaders in the field of mentoring, Bruce & Laura engaged participants in moving beyond simply supporting new teachers, to how to stretch and challenge their thinking.

Several participants are also part of their district's Design Team working on developing a sustainable induction with mentoring program. A two-day training was held in August for additional mentors identified later in the summer. Participating in that training were: Dawn Mendes & Kristie Morris from LinWood, Julie King and Linda Jacobs from Berlin, and Rose Poekert, Kim Ingerson, Barbara Hartshorn, Lori Lane, Lori Spencer & Mike Curtis from WMRSD.



White Mountains Regional School District : (back,l-r) Cindy Willey, Bob Blodgett, Martha Hardiman, Dawn Bechtold, Kelly Smith, Sharon Cormier, Jessica Forbes, Leslie Seppala, Marna Ingerson, (front) Jean Colby, Suzanne Schott, Jeannine LaBounty & Michelle Overhoff. Missing from photo: Brenda Bray, Karen LaRoche & Cheryl Meehan.

The Junior Great Books Program for Grades K-12

Instructor: Great Books Foundation Trainer

Date/Time: November 15 & 16 from 9:00 to 3:00

Location: NCES Technology & Professional Development Center

Cost: Members \$200, Associates \$225, Non-members \$250 (includes morning refreshments, lunches)

Registration Deadline: October 20th.

Registration: Contact Becky Ring at 466-5437 or becky@ncedservices.org.

Course description:

The two-day Shared Inquiry Level I course introduces participants to the shared inquiry method of reading and discussion. The course is for people who plan to lead a Junior Great Books or adult Great Books program; teachers, administrators, parent volunteers, and librarians who will be involved in a Junior Great Books program; or anyone interested in improving their leadership and discussion skills.

The Junior Great Books program

A program of interpretive reading, writing, and discussion, The Junior Great Books program combines outstanding literature with thought-provoking interpretive activities and discussions to help students develop the skills essential to all learning: reading, writing, speaking, and listening. The program's interpretive activities, which include prereading questions, notetaking, textual analysis, and writing projects, enable students to build steadily on their own ideas about a story. Shared inquiry discussion provides a forum for the exchange of these ideas, and students use evidence from the text to develop and refine their interpretations. The process turns reading into a search for meaning that challenges students to uncover the deeper meanings in a text. All students—from kindergarten through high school, of all skill levels—can become better readers and thinkers with Junior Great Books.

Hands-On Science: Investigation with Technology

Instructors: Bill Church, Steve Roberts & Paul Williams

Dates/Times: Wednesday, October 12 from 2:00* to 8:00
 Wednesday, November 9 from 4:00 to 8:00
 Wednesday, December 14 from 4:00 to 8:00
 Wednesday, January 11 from 4:00 to 8:00
 Wednesday, February 8 from 4:00 to 8:00
 Wednesday, March 8 from 4:00 to 8:00
 Wednesday, April 12 from 4:00 to 8:00
 Wednesday, May 10 from 4:00 to 8:00

*The first session will start early because daylight is necessary for launching rockets.

Location: Except for the first session on October 12, all sessions will be held at the NCES Technology & Professional Development Center. The location of the first session was yet to be determined at the time of printing (will be at a field with classroom access, held rain or shine). Please confirm location when you register or check the website FMI.

Cost: Members \$175, Associates \$225, Non-Members \$275

Meals: Supper and refreshments will be provided at all sessions. NCES may not be able to accommodate special dietary requirements.

For: K-12 educators. Technology expertise is not required. Activities may be advanced for elementary grades, but understanding of science concepts, as well as the technology integration, should be beneficial to all for professional development purposes.

Registration: Contact Becky Ring at NCES, 466-5437 or becky@ncedservices.org. Please register by October 5, 2005.

Credit: An optional three graduate credits will be available through Plymouth State University for an additional cost of \$125/credit plus \$25 PSU registration fee for a total of \$400 (in-state residents). Registration forms for grad credit available at first class.

October: This course will blast-off with physical science. When you register, we will direct you to a site on building your own rocket from a 2-liter soda bottle. You'll get to launch those along with Estes rockets as we explore force and motion. You'll learn how to use video, probes and other instruments to analyze the launches.

November: Based on the topics of your choice, you'll participate in a round-robin of science experiments that utilize Vernier probeware. You will each receive a copy of *Middle School Science with Computers* in October to help you select an activity that interests you...or talk with our instructors about a completely new experiment you'd like to try.

December: You'll be working with collecting weather data at this session. The data collected will be tied into using Global Positioning Systems (GPS), Excel, Topo USA (software for plotting GPS information). And oh yeah, we'll talk about the weather too!

January & February: The use of robotics for remote data collection has applications in all fields of science. Again we'll use a round-robin approach based on group interest to practice using Lego robots. This will incorporate your earlier work with probeware, including the use of probes on Palm handheld computers.

March & April: What science concepts are most difficult for you to teach? You'll work with animation to learn how it can help you as a teaching tool and also how it can be used to assess students' understanding of science concepts. PSU biology professor Dr. Sarah Turtle will join us in April to help with life science concepts.

May: You will have been exposed to several forms technology integration that can enhance the teaching of science throughout the year. Our final class session is reserved for participants to share a project or activity in which technology was utilized to strengthen student understanding.

On-going: Science related "current events" will be woven in throughout the year. We'll also incorporate a section about weather and Starry Night (astronomy software) into most sessions.

Using Multimedia Technology in the Classroom - Level I

Instructor: Paula Churchill

Dates/time: October 11, 2005 and 8 other evenings, 4:00 to 7:30. Participants will set the schedule for the remaining 8 classes, either once per month or twice per month.

For: K-12 teachers. This is an introductory level course. Basic skills using a mouse, saving files, and navigating in the Windows operating system are required.

Cost: Member \$100, Associates \$125, Non-Members \$150

Meals: A meal will be provided at all sessions. NCES may not be able to accommodate special dietary requirements.

Credit: An optional three graduate credits will be available through Plymouth State University for an additional cost of \$125/credit plus \$25 PSU registration fee for a total of \$400 (in-state residents).

Interested in becoming a more effective classroom teacher by utilizing technology to benefit student achievement? Learn how to integrate technology in a "stress free" atmosphere. Educators from kindergarten through high school are invited to attend.

Course Topics:

- General file management and Word – two classes
- Excel – three classes
- PowerPoint – two classes
- MovieMaker – two classes

Please contact Matt Tremer at 466-5437 with any questions. To register, contact Becky Ring 466-5437.

Using Multimedia Technology in the Classroom - Level II

Instructor: Paula Churchill

Dates/time: October 18, 2005 and 8 other evenings, 4:00 to 7:30. Participants will set the schedule for the remaining 8 classes.

Cost: Member \$100, Associates \$125, Non-members \$150

Meals: A meal will be provided at all sessions. NCES may not be able to accommodate special dietary requirements.

Credit: An optional three graduate credits will be available through Plymouth State University for an additional cost of \$125/credit plus \$25 PSU registration fee for a total of \$400 (in-state residents).

For: Participants in this class must have a working knowledge of the course topics listed below, while similar to the Level One class work in these subject areas will take place at an advanced level. Educators from kindergarten through high school are invited to attend.

Course Topics:

- How to approach integrating technology into your classroom - one class
- Excel, covering the basics and how to tailor its use for your grade level – two classes
- PowerPoint/Publisher - two classes
- Level of Technology Integration (LoTi) - one class in understanding how to design activities with more impact
- MovieMaker – two classes
- Review of your designed activity/ies for LOTI and rubrics - final class

Please contact Matt Tremer 466-5437 with any questions. To register, contact Becky Ring 466-5437.

Arts & Technology: Creating an Integrated Unit

Course Description: An interest has been expressed over the past several years for a class designed to create an integrated unit utilizing technology involving teams of teachers, including the arts. The goal of this class is to create a unit involving two or more teachers with one of the teachers being an "arts" person. Teams will select and design a unit that meets the needs of their school.

Instructor: Paula Churchill

Dates/time: October 25, and 6 other evenings, 4:00 to 7:30. Participants will set the schedule for the remaining 6 classes, either one per month or twice per month.

Meals: A meal will be provided at all sessions. NCES may not be able to accommodate special dietary requirements.

Credit: An optional two graduate credits will be available through Plymouth State University for an additional cost of \$275 (in-state residents).

Course Topics:

Session 1: Survey of teachers and grade/subject levels and curriculum. Design/plan for programs, activities, rubrics. Demo of some programs (Excel, MovieMaker, etc.)

Session 2: Working session to map out, plan and match technology to curriculum

Session 3 /4: Learning programs needed for the integrated activity

Session 5: Rubrics

Session 6: Presentation to group and discussion

Session 7: Final write up/documentation

Please contact Matt Tremer 466-5437 with any questions. To register contact Becky Ring 466-5437.

Cost:	Members	Associates	Non-members
2-person team	\$100/each	\$125/each	\$150/each
3-person team	\$90/each	\$115/each	\$140/each
4 or more team	\$80/each	\$105/each	\$130/each

Registration is required for all events. Register through NCES unless otherwise noted. For more information, please contact NCES. Phone: 466-5437 or 800-268-5437 email: becky@ncedservices.org Fax: 466-2907

Director's Notes

Welcome back! As NCES starts its 36th school year, we are filled with hope, pride and confidence that we can provide critical support services that will enable all parents, students, teachers, and support staff to experience the most rewarding and successful year ever.

The start of a new school year takes me back to the beginning of my career as an educator, some 33 years ago, when as a young man, I was filled with ideals and over confidence in my training and limited experience. My resolve to conquer the obstacles posed by even the most challenged of learners, my high expectations for myself and for others and a commitment to continuous learning and improvement allowed me to succeed; definitely not with every child as I intended, but with a solid majority. Although there have without question been days when I was ready to make an abrupt career change, I have kept going, fueled by success stories associated with the education experience wherever I can find them.

To frame these high expectations within the contemporary requirements of No Child Left Behind, perhaps the most positive principle that it represents for us as educators is to stress the importance of high expectations for every learner and to challenge us to be idealistic with our expected learning outcomes for every student.

This idealistic challenge requires us to utilize all of the limited resources available to us to the maximum extent, which is what NCES is about. As you approach this new school year, it is my sincere hope that you too are filled with optimism, energy and confidence that all students, parents, teachers, support staff and administrators will experience great success. The collaboration across agencies and among individuals that NCES has built its foundation on is here with a large variety of support services and resources to assist. Nevertheless, this sharing and professional exchange must be a way of thinking that becomes secondhand.

So, I challenge you in this new year, to constantly examine how the support services and professional interaction fostered by NCES can assist you and enable you to constantly improve your own performance and that of others with whom you interact. Please communicate with us via your preferred mode on a regular basis to give us feedback on existing services and supports and more critically, ideas you have relative to how we can make our services better or create needed new services.

I look forward to hearing from you.

Best regards,

Dan Shoemake

Executive Director

dan@ncedservices.org

Currier Museum of Art On-Line Curriculum for Educators

Date/time: Tuesday, October 4, 2005 from 4:00-6:00 p.m.

Location: NCES Technology & Prof. Development Center

Cost: Free, refreshment provided.

Registration: Carol Smiglin at the Currier Museum of Art, 603-669-6144 x 188 or e-mail csmiglin@currier.org.

In this workshop, the Currier Museum of Art will provide a hands-on overview of its new online curriculum for educators. The website, <http://curriculum.currier.org>, gives teachers and students a unique opportunity to connect with art from the museum's collection. Focusing on visual literacy, critical thinking, and cross-curricular connections, this resource is based on the four themes of Portraiture, Landscape, NH Artists and NH Artists' Colonies. Linked to both NH and national education standards, the curriculum provides teachers with background information, vocabulary, concepts, classroom activity suggestions, and a structure upon which to build lessons about various NH artists, artistic movements and themes. Teachers of all subjects will find creative ways to incorporate the museum's collection in the classroom, and the content is designed to shape a complete unit for your students or to supplement other materials.

Be one of the first to use this new resource! During this workshop, teachers will explore the curriculum website in a computer-lab setting and leave with concrete plans for using lessons in the classroom. This workshop is suitable for K-12 teachers of all subjects with particular emphasis on art, history, and language arts. This is the perfect opportunity for art and classroom teachers to collaborate in strengthening cross-disciplinary connections. Register with a colleague, or come with ideas about how you can use this resource with other teachers!

Japan Fulbright Memorial Fund Teacher Program

The Japan Fulbright Memorial Fund (JFMF) Teacher Program allows distinguished primary and secondary school educators in the U.S. to travel to Japan for three weeks in an effort to promote greater intercultural understanding between the two nations. This year, up to 600 educators will be selected to participate in the 2006 program.

Primary and secondary school educators throughout the United States can apply to take part in one of the three trips to Japan scheduled for 2006, as guests of the Japanese Government. Teachers of all disciplines, including art, physical education, English, ESL, history, geography, math, science, and special education, from every region of the United States, are encouraged to apply. Applicants are not required or expected to have previous knowledge of Japanese or Japan. The application deadline for all 2006 trips is December 10, 2005. For more information about the 2006 competition, please refer to www.fulbrightmemorialfund.jp or contact 1-888-527-2636 (1-888-Japan-FMF) or jfmf@iie.org. All applications must be completed online. Applications are available at www.iie.org/jfmf.