

## Technology & PD Center News

### \$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. In addition to covering the requirements of the grant application, to assist schools in developing quality projects, this session will provide an overview of the Level of Technology Implementation Framework. You may download the Request for Proposal from [www.ncedservices.org](http://www.ncedservices.org). Proposals will be due on December 1, 2005. Recipients will be announced in January.

### On-Line PD Opportunities for Teachers

These courses are developed and facilitated by NH teachers through LESCEN, the Local Education Support Center Network in which NCES is a part of. All courses are face to face for the first session (depending on the location of the instructors, this may be via video-conferencing), then online for 6-8 weeks. The fee for each online course is \$100.00 payable to Keene School District. All courses begin during the 2nd or 3rd week of October. To register contact Ceil Scranton at the Southwestern NH Education Support Center at (603) 357-0101 or email [cscranton@sau29.org](mailto:cscranton@sau29.org)

#### Art 'N Fact Our Past: American Artifact Museum

#### Accommodating ESL/ELL Students

#### Teaching Early American History: Exploration - American Revolution

#### Reading, A Job? Or a Joy?: Helping the Struggling Reader in the Classroom

#### Working with ELL Students

#### Making Literature Inclusive

#### Strategies for Teaching Content Area Reading

#### Community and Inclusion Activities

Visit [www.ncedservices.org](http://www.ncedservices.org) for a link to the descriptions of the courses and for date and location details of the first sessions.

#### Lori Langlois, M.Ed. & Matt Treamer, M.Ed.

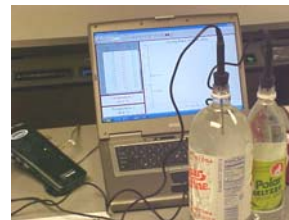
Co-Directors, NCES Technology & PD Center

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[matt@ncedservices.org](mailto:matt@ncedservices.org)

## Investigation with Technology

Water-bottle and Estes rocket launches to explore force, motion, inertia and acceleration.



Enhance science investigations with computers, probes and other tools.

Weather data collection and analysis with Global Positioning Systems (GPS), Excel, and Topo USA.



Robotics, handhelds and probes for remote data collection.

Animation as teaching tool and assessment tool for simple to complex science concepts.



This your last chance to register for this exciting professional development project, **Hands-On Science: Investigation with Technology**. The monthly sessions begin on Wednesday, October 12th. It's an excellent opportunity to network with other educators interested in technology, science and student-centered learning. Participants will have access to probes, GPS units, Lego kits, launchers, webcams, animation software and more for use in their classrooms.

The course is open to 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, will be beneficial to all educators.

For details, visit [www.ncedservices.org](http://www.ncedservices.org) or refer to the September issue of NCES News.



## Junior Great Books Program

**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 (compare to \$265 + travel expenses to attend in Massachusetts), Associates \$225, Non-members \$250

**Meals:** Includes morning refreshments and lunch.

### 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. You can learn more about the Junior Great Books program at [www.greatbooks.org](http://www.greatbooks.org).

**Registration:** Contact Becky Ring at 466-5437 or [becky@ncedservices.org](mailto:becky@ncedservices.org).

**Registration Deadline:** October 20th.

## Applying for E-Rate

**Facilitated by:** Jill Norton of E-Rate Strategies

**Date/Time:** November 7th, 2005 from 9:00 to 12:00

**Cost:** Members \$15, Associates \$20, Non-Members \$25

**Questions:** Contact Matt Treamer at 466-5437 or [matt@ncedservices.org](mailto:matt@ncedservices.org)

The session will cover:

- Brief history of the E-Rate Program & where it stands
- A summary of E-Rate Basics & Terminology
- Program updates for 2006
- Changes found in the 2006 Eligible Services List
- Bidding requirements & Contract issues
- CIPA Requirements
- Document retention & audits
- How to use the SLD web site as a resource
- A tour of E-Rate Manager - a free tool for managing your applications

**Registration:** Registration is required. Please contact Becky Ring at NCES, 466-5437 by November 2nd, 2005.

## Tech Tools for Schools

**Facilitated by:** George Wiley of Single Source Group

**Date/Time:** November 7th from 12:45pm to 3:30pm

**Lunch:** Provided from 12:00 to 12:45

**Cost:** Free

**Questions:** Contact Matt Treamer @ 466-5437 or [matt@ncedservices.org](mailto:matt@ncedservices.org)

Several new educational product lines will be introduced and demonstrated, including:

- Z-Band: Distribution of broadband video over IBDN 4800LX cabling. This System is capable of simultaneously delivering high-speed data, IP telephony and multi-channel broadcast quality video



- GTCG CalComp Electronic whiteboards, blue tooth wireless products, and Student Respond wireless transmitters



- Cisco and Mitel Networking Equipment
- New Tandberg Videoconferencing Products



**Registration:** Registration is required. Please contact Becky Ring at NCES, 466-5437 by November 2nd, 2005.

## North Country Professional Development Day

**Friday, October 7, 2005**  
**White Mountains Regional High School**

**More than 70 workshops**

**[www.ncedservices.org](http://www.ncedservices.org)**

## 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 by October 11th.

## Arts & Technology: Creating an Integrated Unit

**Course Description:** The goal of this class is to create a unit which includes technology and the arts. A team of two or more teachers with one of the teachers being an "arts" person is required. 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 by October 18th.

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](mailto:becky@ncedservices.org) Fax: 466-2907

## Off the Shelf Media Center Delivery Schedule

Are you interested in borrowing materials but you don't have the time to come to NCES to pick them up? We make monthly deliveries and pickups according to the schedule below. You can search or browse our entire catalog online at [www.ncedservices.org](http://www.ncedservices.org). Be sure to take advantage of our extensive collection.

### SAUs 7, 20 & 58

October 5  
November 3  
December 1  
January 5  
February 2  
March 9  
April 6  
May 4  
June 1

### SAU 36

October 6  
November 9  
December 8  
January 12  
February 9  
March 16  
April 13  
May 11  
June 8

### SAUs 23, 35 & 77

October 12  
November 17  
December 15  
January 19  
February 16  
March 23  
April 14  
May 18  
June 7

### SAU 3

Every Friday

### SAU 20- Gorham

Every Friday

Check with your school secretary for delivery/pickup locations or contact the Media Center.

**Vicky McGillicuddy**  
Media Center Coordinator  
[library@ncedservices.org](mailto:library@ncedservices.org)

## Need help bumping up the LoTi Level of a lesson or unit?



The pool of educators to tap in northern NH for suggestions and guidance on using technology effectively in the classroom is growing. "Bumping up" the level isn't about adding technology. It is about engaging students in complex thinking, assessing in non-traditional ways and focusing on student-centered learning. Among the participants working to become certified Level of Technology Implementation Mentors are (pictured left to right) Michelle Fox-Bushaw, Groveton High School

math teacher, Matt Treamer, Co-Director of the NCES Technology & PD Center, Steve Torrey, Groveton High School teacher, and Paula Churchill, NCES Technology Integrator. The other mentors attending the first day of a three-part training were Sarajeane Harris, Bethlehem Elementary School, Kathryn Avery, Edward Fenn 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, and Lori Langlois, Co-Director of NCES T&PD Center. Amy Boyd, Woodsville High School attended the summer training and is also working towards certification.



More intensively involved in LoTi are Groveton High School and the Whitefield School. They are among the five LoTi Project Schools this year. Working with LoTi creator, Dr. Christopher Moersch and his associate, Daniel Cherry, these schools have developed action plans for raising the level of technology implementation school-wide. Onsite consultations will take place to assist these schools in achieving their technology implementation goals.

Pierre Couture, Groveton High School principal (front), and the Whitefield School team (rear) participated in the first LoTi Project School session.

## NH Council for the Social Studies Annual Conference 2005



### *Social Studies - The Great Connector*

**Thursday, November 3, 2005**  
**Center of New Hampshire, Manchester**

**Over 30 Sessions**

**[www.nhcss.org](http://www.nhcss.org)**