

April 2012

North Country Middle School Film Festival



Pictured from left to right: Representing Errol Consolidated School's *Solar Polar* team - winner of Most Informative, Milan Village School's *Be Idle Free* team - winner of Best Props & Set Design, Pittsburg School's *Stop Northern Pass* team - winner of Best Performance, Lisbon Regional's *I'll Be Watching* team - winner of Best Sound and Best Cinematography, Pittsburg School's *Conserving Water* team - winner Most Focused Message, Pittsburg's *Park It* team - winner of Best Editing and Lafayette's *The No Snow Show* team - winner of Most Creativity.

The 2011-2012 North Country Middle School Film Festival was held Saturday, March 24, 2012 at the Rialto Theatre of Lancaster, NH.

View the winning films and learn more at www.ncedservices.org/film. Additional coverage of the event can be found on the [NHPR website](http://NHPR).

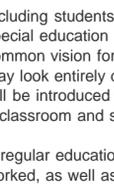
The event is sponsored by NCES with financial support from the Neil & Louise Tillotson Fund and the Valeda & Lea Roy Foundation. Trophies were sponsored by the George Wiley Consulting Group.



Upcoming Professional Development

Promoting Inclusive Classrooms through Differentiated Instruction

Defining Roles for Classroom Teachers, Special Educators and Paraprofessionals



Presenter: Trish Walton, M.A.T.
Date: Monday, May 23, 2012
Time: 8:30 to 3:00 (check-in begins at 8:00)
Cost: Full member staff \$100, Associate \$115, Others \$135
Who should attend?
 Teams of P-12 teachers & paraprofessionals

Including students with disabilities in regular education settings may not mean the same thing to special education personnel and regular classroom teachers. All of the adults need to create a common vision for their collaboration to benefit of all students. And, in fact, effective inclusion may look entirely different for different students and in different classrooms. Teachers and aides will be introduced to tools and strategies they can use to establish comfortable norms for sharing a classroom and students.

A regular education teacher by trade, Trish has been a part of special ed/regular ed teams that worked, as well as a few that didn't. Trish will guide participants through the elements essential to making inclusion successful or all - students and teachers alike. Trish will present information strategies that can be applied across grade levels as well as strategies specific to certain age-bunches.

- Participants will**
- Clarify and communicate expectations
 - List a variety of models for working together and evaluate the benefits of each model
 - Develop routines that will support a variety of student needs
 - Participate in discussions to share best practices around inclusion
 - Create differentiated lessons and/or units to deliver in a co-teaching environment

Register: Register online http://bit.ly/nces_inclusion or by calling Lisa Blais at 800-268-5437 or 603-466-5437.

Intel 2012 Math Seminar

The State of New Hampshire is on the move to improve student learning in mathematics and is proud to bring the Intel® Mathematics Program to K - 8 mathematics educators. This program is funded through a \$500,000 per year *Math Science Partnership Grant* gained through the efforts of the Rochester School District, Plymouth State University, New Hampshire Impact Center, University of New Hampshire - Manchester, University of New Hampshire - Leitzel Center, Croydon and Newport School Districts, North Country Education Services and New Hampshire Department of Education.

The Intel® Math course is a content-intensive professional development program developed by Dr. Kenneth Gross, Professor of Mathematics and Education at the University of Vermont. Intel Math® provides eighty hours of professional development in the form of a course co-facilitated by a practicing mathematician and a mathematics educator. The course places emphasis on deepening the participants' understanding of core K - 8 mathematics concepts. It is grounded in a problem solving approach to topics such as integer arithmetic, and the decimal number system, place value, rational number arithmetic, rates, linear equations, and functions. About 90% of the course is focused on mathematics content knowledge and the remaining 10% on pedagogy.

You are eligible to participate in this program if you meet both criteria:
 1. You are K-3 or K-6 certified, but not 5-8 or secondary math certified.
 2. You are currently teach at K - 8 level.

North Country Site: NCES, Gorham, NH
Dates: 7/9; 7/10; 7/11; 7/12; 7/16; 7/17; 7/18; 7/23; 7/24 & 7/25/2012
Time: 8:00 - 4:30
Instructors: Greg Superchi & Rich Andusiak
Cost: Free (includes lunch)
Graduate Credit: 6 free graduate credits, \$25 registration fee
Registration: <http://bit.ly/IntelNH12>

There are 7 locations with varying dates. For requirements and other locations and dates, [click here](#).

iPad 101

Your iPad did not come with a user manual. You may be missing out on some of the basic features and settings. This session is for those who want an overview of the features and customizations available on the iPad. We will highlight apps for enhancing personal/professional learning and how the iPad can help you organize information from journal articles to your recipe collection. Time permitting, we will demo some content specific education apps, but the focus of this session is personal productivity and maximizing the device as a personal learning resource. We're convinced you won't miss the manual once you learn the basics, and after these tips, you'll appreciate this revolutionary device even more.

We will cover features of the iPad 2. Owners of first generation iPads are welcome, but please note that a few items will not apply.

Date: Wednesday, May 23, 2012
Time: 2:30 to 5:00
Instructors: Lori Langlois and Matt Treamer
Cost: Member school staff \$20, Associates \$30 and Others \$40
Register: Online at <http://bit.ly/ipadMay> or by calling Lisa Blais at 603-466-5437 or 800-268-5437.

Science Learning Through Engineering Design

The workshop will focus on the use of engineering design-based teaching. The instructors will emphasize how to teach problem solving in science through design projects that engage upper elementary school and middle school students in learning science content. Teachers will learn the principles of inquiry-based science learning through engineering design, how to integrate these principles in their classroom. The workshop activities will involve being immersed in a design challenge that will involve creating a product that can function in a harsh environment. Dr. Andrew Jordan will connect the design challenge to his research that explores cosmic radiations affects on living tissue. Drs. Eleanor Abrams and Michael Middleton will connect the design challenge to science content and classroom motivation.

- Workshop leaders are:
- Eleanor Abrams, UNH Education Department
 - Michael Middleton, UNH Education Department
 - Andrew Jordan, UNH Institute of the Study of Earth, Oceans, and Space

Dates: June 21 & 22, 2012
Time: 9:00 - 4:00
Location: NCES, Gorham, NH
Cost: Free for teachers holding a valid NH Educator Certification for upper elementary and middle school levels.
Stipend: \$150 stipend awarded to teachers who successfully complete the course and the course assignments.
Number of seats: 10 seats, subject to eligibility approval
Registration: <http://bit.ly/unhengdesign>

Scaffolding Inquiry Science in Elementary Grades: Ecology

Explore inquiry science with teachers who have used the 5-E model of science instruction in their classrooms!
 Inquiry science engages students in doing what scientists do. Learn how you can help students:

- identify measurable and researchable questions
- design and conduct a scientific inquiry

This workshop will provide high students learning science using biological inquiry-based practice. Participants will enjoy lively hands-on, minds-on science exploring specific biological sampling techniques, mapping and related mathematical skills.

Date: May 9, 2012 from 4:00 to 6:00
Presenter: Linda Balk
Location: Video conferenced to NCES from Keene State College
Cost: \$20
Register: Required by calling 800-268-5437, 603-466-2907 or emailing lisa@ncedservices.org or online http://bit.ly/nces_inquiry.



This series is made possible through the Rural School Educator Effectiveness Collaborative.

Integrating Land Use into the Upper Elementary/Middle School Classroom

Participants will learn a wide range of developmentally-appropriate, inquiry-oriented teaching methods for the field, laboratory, and classroom, by using the assessment of the health of the forest as a learning context. Activities for 5-8th grade students will be presented on detecting, quantifying, monitoring and mapping a range of forest conditions. The activities are designed to allow students to learn the process of science through asking (and answering) self-generated questions. In addition, ways to motivate students to engage in inquiry-based learning will be discussed.

Workshop leaders are:

- Eleanor Abrams, UNH Education Department
- Michael Middleton, UNH Education Department
- Martha Carlson, UNH Institute of the Study of Earth, Oceans, and Space

Dates: August 16 & 17, 2012
Time: 9:00 - 4:00
Location: NCES, Gorham, NH
Cost: Free for teachers holding a valid NH Educator Certification for upper elementary and middle school levels.
Stipend: \$150 stipend awarded to teachers who successfully complete the course and the course assignments.
Number of seats: 10 seats, subject to eligibility approval
Registration: <http://bit.ly/unhland>

Transition to Adulthood: For Guidance Counselors

This free 2-hour workshop is co-sponsored by North Country Education Services and the North Country Inventing the Future Project (based out of the Berlin School District).

Facilitators: Donna M. San Antonio, Ed.D., Lesley University and Ann Logan-Dintino, Special Education Teacher and M.A. candidate at Lesley University

Date: Monday, May 21, 2012
Time: 1:00 to 3:00
Cost: Free and open to all North Country guidance counselors, school-to-work coordinators, and SAPs. Certificate of attendance will be provided and light refreshments will be served.

Registration: Contact Lisa Blais at 466-5437 (between 8:00 - 4:00) or by email to lisa@ncedservices.org.

Graphing and Analyzing Data with Excel

Using real-life data collected in the Hubbard Brook Experimental Forest in Woodstock, NH, learn the basics of graphing and analyzing data with Excel. Teachers are often encouraged to bring their students outside and collect data in the "real world." Indeed, field studies are engaging, place-based, and help students develop important science process skills. But many times the field study ends with the collection of data. To add meaning and closure to the lesson, as well as to stay true to the process of science, that data should be graphically represented and analyzed.

Through this workshop

- become comfortable using Excel to graph data
- help students learn to interpret graphs
- become familiar with the types of winter-related measurements are made at the HBEF
- understand what this data means in terms of winter climate change in New Hampshire

We will start with the basics of entering data into spreadsheets then move into the heart of the workshop working with three datasets to practice graphing and analyzing data. Teachers will learn the difference between descriptive, comparative and correlative data sets as well as which types of graphs are appropriate to make with which types of data. We will practice interpreting the graphs we make and discuss when it's appropriate to add trendlines.

We will work with data in the context of winter climate change. Hubbard Brook's decades-long ecosystem research and monitoring has captured significant changes in the characteristics of winter: daily temperatures, snow depth, and ice duration on Mirror Lake are just a few examples.

Instructors: Jackie & Geoff Wilson, Hubbard Brook Research Foundation
Date: Tuesday, May 1, 2012
Time: 9:00 - 3:00
Location: NCES building, 300 Gorham Hill Road, Gorham, NH
Cost: Member school staff \$15, Associates \$25, Others \$35
Register: <http://bit.ly/hbefNCES>

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Learning Forward NH Spring Conference



Featuring Ruben Puentedura May 9, 2012 SNHU, Manchester, NH learningforwardnh.org

Young Inventor's Program® Teacher Workshop

The Academy of Applied Science will host a Teacher Workshop. All Grade K - 8 teachers are invited. There is no cost to attend.

The workshop will be held on July 12, 2012 from 9am to 3pm at the Grappone Conference Center in Concord.

Contact Pamela Hampton at phampton@aaas-world.org (or 603 228 4530) to sign-up.

Environmental Experiences for Early Childhood Workshop

This new, innovative program allows young children to explore, discover, and communicate in expressive ways by integrating nature-based music and movement, exploration, literature, art, math, and outdoor play. Come and learn how to explore nature and the outdoors safely with your students. Activities include a featured experience, group exercises (music and movement, reading and writing together, enjoying snacks, and taking neighborhood walks), effective learning centers (art, dramatic play, discovery tables, math and manipulatives, etc.), and reading connections. Each activity also has suggestions for communicating with students' family and friends. Register by April 20. Learn more at www.nhplt.org.

Forest in Every Classroom

Are you interested in learning more about place based education and how to use it with your students? Seeking a solid professional development opportunity that provides about 88 TPD hours? Then **A Forest for Every Classroom** (FFEC) may be just what you are looking for. It's not just for science teachers, but for all middle and high school teachers interested in using our local forest as a context in which to teach, and it's packed with great content as well as practical skills to bring right back to your classroom.

A Forest for Every Classroom is a year-long professional development series aimed at providing the inspiration, knowledge and skills required to transform classroom teaching into effective and exciting place-based education. Teachers develop their own units to increase student literacy skills and foster student understanding of - and appreciation for- the forested lands in their communities. These units integrate hands-on study of the natural and cultural resources of the local community, addressing concepts in ecology, sense of place, civics, and forest land management and stewardship. The FFEC program provides 11 days of professional development over the course of four seasons, including a five-day residential summer session. Most sessions are based at the world-class Hubbard Brook Experimental Forest in central NH. It all begins May 11-12, 2012 and registration is limited! **Deadline to register is April 13, 2012.**

For more information, contact Erin Hollingsworth at (603) 226-0160, erin@nhplt.org.

To register or to download the complete FFEC brochure, please visit <http://www.nhplt.org>

Member Status

Not sure if your school is a member of NCES? [Check here](#).

SAHE Partnering Schools

- Berlin Public Schools
- Bethlehem
- Colebrook Academy
- Colebrook Elementary School
- Fall Mountain School District
- Gorham
- Goshen-Lempster
- Groveton Elementary School
- Groveton High School (6-12)
- Jaffrey-Rindge Cooperative School District
- Keene School District
- Lafayette
- Landaff
- Lisbon
- Nelson
- Pittsburg School
- Profile
- Stark Village School
- Stewartstown Community School
- Stratford Public School
- Winchester School District

Contact Info

For more information:
 North Country Education Services
 300 Gorham Hill Road
 Gorham, NH 03581
nces@ncedservices.org
 800-268-5437
 603-466-5437
www.ncedservices.org

[Directions](#) to NCES