



Bridging Disciplines: Exploring the Stories of Our Place

Fort Ticonderoga, New York

May 31, 2013

Join us for an exciting day of place-based learning at this amazing site!

AGENDA

8:30-9:00 Arrive, Register and Snacks

9:00-10:30 Amy Demarest, Our Curriculum Matters

A call for authentic investigations and research is prominent in the Common Core as well as the newly issued Next Generation Science Standards. This experiential “key-note” will consider ways that students can conduct real-world explorations of their nearby places using the many questions found in all subjects. Teachers will have time to experience the possibilities of place-based strategies and reflect on ways to resolve these best practices with the many demands of their job.

11:00-12:00 Digging Deeper: Classroom Strategies applicable to all ages (participants will choose A or B on the day of the event)

CHOICE A

Literacy of PLACE: Using a Variety of Texts to Build New Understanding
Matt Hajdun, 5th grade teacher, Champlain School, Burlington
Participants will take part in a variety of text-based activities that promote a deeper understanding of how humans impact the watershed.

CHOICE B

That Happened Here? Ft Ti as a 19th Century Tourist Destination?
Rich Strum, Fort Ticonderoga and **Lori Fox**, St Mary’s School, Ticonderoga
Participants will use documents, photographs and art works to discover a lesser-known aspect of this site’s history.

12:00 - 1:00 Lunch will be provided

1:00 - 3:00 Choose one of 3 options: (First come, first serve: full descriptions and registration info on following page)

CHOICE C

From the Page to Reality: The Creation of Interpretive Programs at Fort Ticonderoga
Fort Ticonderoga Museum Staff
Participants will go behind the scenes to examine documents and artifacts used to create the authentic and rigorously researched exhibits.

CHOICE D

Paddling Ecology Investigation
Ben Mayoock, LCMM - On-Water Group Leader and Naturalist
Participants will paddle out on the lake to explore the ecological and cultural treasures of our area.
LIMIT: 14 participants.

CHOICE E

Oxen and Simple Machines? Building the Great Bridge---An Engineering Puzzle!
Scott A. McLaughlin, PhD, Co-Director, Turning Points in American History
How did they do it? Participants will consider how this unique structure was built and examine the research and STEM principles behind this engineering feat.

3:00 Closing, Evaluation and Door Prizes

Morning Sessions: (participants will choose A or B on the day of the event)

CHOICE A: Literacy of PLACE: Using a Variety of Texts to Build New Understanding

Matt Hajdun, 5th grade teacher, Champlain School, Burlington

Matt will present strategies he has used to deepen students' scientific understanding of how their actions affect a watershed. He will share literacy focused strategies that help students deepen their understanding of complex texts centered around human impact. Participants will be guided through a close read of a non-fiction text paired with comprehension activities.

CHOICE B: That Happened Here? Fort Ti as a 19th Century Tourist Destination?

Rich Strum, Fort Ticonderoga and **Lori Fox**, St Mary's School, Ticonderoga

Fort Ticonderoga is best known as an 18th-century military site that played a key role in both the French & Indian War and the American Revolution, but what do we know about its history as a 19th-century tourist destination? Explore this lesser-known story, using documents, photographs, and artworks to unravel the story of early "cultural tourism" in the Champlain Valley. Interpretation strategies applicable to all grade levels. Led by Rich Strum, Director of Education at Fort Ticonderoga, and Lori Fox, Social Studies teacher (grades 5-8) at St. Mary's School, Ticonderoga.

Afternoon Sessions: Choose C, D, or E.

CHOICE C: From the Page to Reality: The Creation of Interpretive Programs at Fort Ticonderoga

Fort Ticonderoga Museum Staff

This season Fort Ticonderoga's interpretive focus is on the year 1755. Examine the documents and artifacts behind the research process conducted to interpret the French presence at Fort Carillon (Ticonderoga) in 1755. Meet with our Artificer Tailor and Shoemaker as they explain how the research informs their reproduction of clothing and shoes. Our Military Programs Supervisor will share how his research into mid-18th-century French-Canadian foodways influences the daily food programs at the Fort. Director of Interpretation Stuart Lillie will describe how the research and the work of our Historic Trades Program comes together to create engaging, informative daily programs for Fort Ticonderoga's visitors during the 2013 season.

CHOICE D: Paddling Ecology Investigation

Ben Mayock, LCMM - On-Water Group Leader and Naturalist

On-Water Exploration---Paddle out on the lake to explore the ecological and cultural treasures of this area. Examine plankton, water quality, and deep water and wetland aquatic ecosystems and have some fun exploring this beautiful part of the lake. Learn about the natural history of the lake as well as the impact of human activity and invasive species. LIMIT: 14 participants (Program will be held rain or shine – unless lightening or high winds)

CHOICE E: Oxen and Simple Machines? Building the Great Bridge---An Engineering Puzzle!

Scott A. McLaughlin, PhD, Co-Director, Turning Points in American History

In the winter of 1776-1777, how did the army build a bridge across the lake to connect Fort Ticonderoga to Mount Independence? This workshop will explore the engineering, science (inc. physics) and mathematics behind this accomplishment and the nautical archeology that reveals the story. Participate in a hands-on, problem solving experience to learn how local history can be used to teach DCI Next Generation Science Standards. Scott McLaughlin was on the original team of archeologists that documented the Great Bridge.

CBEI PARTNER Information can be found at http://watershedmatters.lcbp.org/pd_cbei.html

Lake Champlain Basin Program
www.lcbp.org

Shelburne Farms
www.shelburnefarms.org

ECHO at the Leahy Center for Lake Champlain
www.echovermont.org

Our Curriculum Matters
www.ourcurriculummatters.com

Lake Champlain Committee
www.lakechamplaincommittee.org

UVM Watershed Alliance, LakeChamplain Sea Grant
www.uvm.edu/~watershd

Vermont Project WET
www.vtwaterquality.org/lakes/html/ip_projectwet.htm



**May 31st Registration Form: Workshop fee \$25.00 - checks made out to “NEIWPCC”
Please note: Pre-registration required (checks can be delivered the day of the event if necessary).**

Please fax or email this information to the Lake Champlain Basin Program by May 28, 2013
54 West Shore Road, Grand Isle, VT 05458
800.468.5227 (NY & VT) or 802.372.3213
Fax: 802.372.3233

Name: _____
School: _____
Position: _____ Grade level: _____
School mailing address: _____ Zip _____
Daytime Telephone: _____
Email: _____

I would like a vegetarian lunch. YES ___ NO ___

Please choose the afternoon workshop you would like to attend:

List your 1st or 2nd choice

- CHOICE C
From the Page to Reality: The Creation of Interpretive Programs at Fort Ticonderoga _____
- CHOICE D
Paddling Ecology Investigation _____
- CHOICE E
Oxen and Simple Machines? Building the Great Bridge---An Engineering Puzzle! _____