

# An Innovative Nation: Technology, Culture, and Society

## Year 3: January - May 2012

Activity / Date	Focus	Elementary / Secondary
Project Orientation Kick off event January 19 3:30pm-6:00pm	Welcome, Project Introduction, and Special Tour of the New Exhibit on the "Bread & Roses Strike" Lawrence, MA	Combined
Content Module February 7 8:30am-3:30pm	Competing Visions of America: Agrarian or Industrial; Slave Labor or Free Labor	Combined
Common Readings/Book Discussion March 6 3:30pm-5:30pm	Patrice Hughes, <i>The Breaker Boys</i> , (2004)	Elementary
Common Readings/Book Discussion March 8 3:30pm-5:30pm	Carol Sheriff, <i>The Artificial River: The Erie Canal and the Paradox of Progress, 1817-1862</i> , (1996)	Secondary
Technology in the Classroom (choose one) April 26 May 10 June 7 8:30am-3:30pm	Social Networks as a Teaching Tool in American History	Combined
Spring Study Tour April 17-19	"A Nation Divided: Industrial Capitalism, Slavery, and the Civil War": Lessons from Harper's Ferry, Antietam, Monocacy, and Gettysburg	Combined

## Year 3: Summer Institute, July 9 -13 2012

Activity / Date	Focus	Elementary / Secondary
Content Session: July 9 8:30am-9:00am	Orientation to the Institute	Combined
9:00am-noon	The American System of Manufacturing	
1:00pm-3:30pm	Slavery, Cotton, and Industrialization in the Antebellum South	
Local Field Trip: July 10 8:30am-4:30pm	Slater Mill National Historic Site and New Bedford Whaling Museum	Combined
Content Session: July 11 8:30am-10:30	The Transportation Revolution in Early America	Combined
10:30-noon	Waterpower and Industry: Suffolk Mill Exhibit	
1:00pm-4:00pm	Cities at the Falls: Waterpower, Industry, and Urban Growth and Pawtucket Canal Tour by Boat	
Content Session: July 12 8:30am-10:30	Invention and Innovation: African-American Inventors in the Jim Crow Era	Combined
10:30-noon	Invention and Innovation: Thomas Edison, Entrepreneurship, and the Rise of R&D	
1:00pm-2:30pm	Henry Ford and the Advent of Mass Production	
2:30pm-3:30pm	Teaching about Technology and Invention: Opportunities for Experiential Learning	
Teacher Projects July 13 8:30am-3:30pm	Workshops on Instructional Technology, Pedagogy, and Lesson Plans	Combined

## Year 3 September - November 2012

Activity / Date	Focus	Elementary / Secondary
Common Readings/Book Discussion Group September 11 3:30pm-5:30pm	To be determined	Elementary
Common Readings/Book Discussion Group September 13 3:30pm-5:30pm	Kirkpatrick Sale, <i>The Fire of His Genius: Robert Fulton and the American Dream</i> , (2001)	Secondary
Local Field Trip October 18 8:30am-3:30pm	Colonial Technologies: Saugus Ironworks	Combined
Fall Special Seminar November 5 3:30pm-5:30pm	Exploring and Teaching Landscapes and History: The New England Mill Village	Combined
Third Annual TAH Conference: Refreshments and Presentations November 15 4:00pm-6:00pm	Final Conference and Future Possibilities for Sustaining Billerica TAH	Combined

**Imagination, Invention and Innovation: The Making of American History**

## “Imagination, Invention, and Innovation” is a Three-Year Teaching American History Project

**Year 1: Native Americans, European Colonies, Revolution, and Creating a New Nation**



“William Penn’s Treaty with the Indians,” by Benjamin West, 1771, Pennsylvania Academy of Fine Arts

**Year 2: Reconstructing America: Upheaval, Immigration, and Reform**



“Cliff Dwellers,” by George Bellows, 1913, Los Angeles County Museum of Art

**Year 3: An Innovative Nation: Technology, Culture, and Society**



“Island Dock Yard” by Karl Fortress, ca. 1934, Smithsonian American Art Museum

**Participants must attend the following activities and complete the required readings and projects to receive the \$1000 stipend:**

- Attend one full-day Content Module
- Attend two after-school Book Discussion Groups
- Attend the entire Summer Institute and submit project by mid-August
- Attend one full-day Local Field Trip in the Fall
- Attend one full-day Technology in the Classroom Workshop
- Attend the Fall Special Seminar
- Attend the Annual Project Conference
- Participate in Program Evaluation

**The following is optional:**

- Three-day Study Tour during April vacation week (travel expenses provided)

Teachers will receive books and materials for all activities.

Content area PDPs will be issued for all completed activities and graduate credits will be available for purchase from UMass Lowell for completing the Summer Institute and products.

**For more information contact your district representative:**

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## Imagination, Invention & Innovation: The Making of American History

**Partners:**

**BillERICA Public Schools (Lead Agency)**

**Amesbury Public Schools**

**Chelmsford Public Schools**

**Hamilton-Wenham Regional Schools**

**Littleton Public Schools**

**Tewksbury Public Schools**

**Triton Regional Schools**

**Westford Public Schools**

*in collaboration with*

**University of Massachusetts Lowell**



Teachers participate in “geo-caching” activity in Lowell’s “Back Central” neighborhood.

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<http://gse.uml.edu/btah>

