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Issue: # 4

May/2008

### Hello!

Spring has finally sprung, and the end of the school year is almost here! All of us at CREST hope that you have had a great year and that you are looking forward to what will be the best CREST Summer Institute yet! This final CREST e-newsletter for the 2007-2008 academic year has tons of great information about what to expect at the Summer Institute and how to complete your projects before the school year ends.

As always, please remember that if you have any support needs that come up, just email Ruth, Hope, or Shey. Keep up the good work!

Thanks,  
The CREST Leadership Team

## NEWS FROM THE SCHOOLS

### WELCOME!

The CREST community of schools is growing from 11 to 16 schools! Please join the CREST staff in welcoming the new cohort of CREST schools that will be joining us at the Summer Institutes:

- MDI High School
- Conners-Emerson Elementary School
- Isle au Haut School
- Swan's Island School
- Frenchboro School

### Are you ready for the Summer Institute?

The end of the school year is barreling down on us, and we know you are all busily trying to get everything done before summer vacation. So we wanted to take this opportunity to ask, "Are you ready for the Summer Institute?" We have included the list of materials to bring to the Summer Institute below and have tried to anticipate any questions that you may have. If you need any further clarification or assistance, however, please contact Ruth or Hope and we will be happy to help.

### CREST Summer Institute Materials checklist:

1. Poster highlighting your school's CREST accomplishments in the 07-08 school year, specifically including:

- your team's goals for the year
- a list of your accomplishments
- examples of student work (maps, interviews, pictures, websites, etc.)
- a list of the community members and/or organizations you worked with Also, please include any other tidbits you think would be interesting. And remember the more pictures the better!

2. A 10-12 minute presentation about your team's successes and challenges in the 2007-2008 school year, addressing such questions as:

- What were your team's original goals for the school year?
- Did these goals change? How? Why?
- What were your team's greatest challenges this year?
- How did your team overcome those challenges?
- What were your team's successes this year?
- What is your team hoping to accomplish and gain from the CREST Summer Institute?

Please feel free to include anything else you think the CREST community would find interesting. The format of the presentation is fully up to you and your team: you can use a PowerPoint presentation, create a skit, role play; you name it. Be creative and have fun!

### **REGISTER TODAY!**

Registration for the 2008 CREST Summer Institute is now open! The first 3 schools to submit all of their registration forms win a prize, and I mean a real prize. **There is no online sign up, so make sure you get a hard copy of the registration form.** We look forward to seeing you this summer!

### 2008 Career Exploration Day

The 1st Annual Career Exploration Day was a great success; with over 50 students from 6 schools and 13 local businesses participating. Students had the opportunity to job shadow online journalists, web designers,



architects,  
veterinarians,  
engineers, radio



broadcasters, boatbuilders, documentary filmmakers, and GIS specialists. We will definitely do this again next year so, if you missed out, keep an eye out for the next Career Exploration Day.

## FEATURED SCHOOLS

### Lubec Consolidated School

The CREST team at Lubec High School has been focusing lately upon ethnography. In an Integrated Technology class, students have reviewed the interview process: selecting subjects; formulating questions to ask; and filming the interview. Students have completed many interviews with community members, including two people who had worked at West Quoddy Head Lighthouse. The lighthouse is having its 200th anniversary this year, and the Lubec CREST team plans to edit the interview footage and create a movie about the lighthouse. They hope this movie can be used as a promotional video and as a part of the 200th anniversary celebration.

Lubec is also using GIS/GPS for a trail-mapping project. Lubec Consolidated School is adjacent to Mowry Beach and, over the past couple of years, students have been building a trail to connect the two sites. The trail has just recently been completed so, with the coming of spring, the CREST team is anxious to GPS and map the newly-finished and unmapped section of the trail.

### George's Valley High School

The CREST team at George's Valley High School is focusing their project upon an ambitious website. The goal of this website is to increase the connections among students, as some division among students from the three different towns represented at the school currently exists.

The website will include footage from the school's Spirit Days and interviews with the students, to help those from outside the school to get a better idea of George's Valley. The CREST team has also been using GPS units to gather the locations of students' homes and demonstrate the school's diversity. They will map this data and include the information on the site. Before the site goes live, students will learn how to set up the website to be password protected so that only those from George's Valley High School can access certain information.

A senior member of the CREST team has been doing an independent study throughout the year to learn the advanced web techniques necessary to create this website. Two other students joined her for the second semester, and the three aim to have the website completed and online by the end of the school year.

## TECH CORNER

You've created a video in iMovie, or you've created a map in ArcView, and you want to show off your hard work to others. However, an iMovie project file will not play on a computer without iMovie software and, because an ArcView map does not store the data in the map itself but instead reads it directly from the computer, a map cannot be viewed on a computer different from the one on which the map was create unless certain steps are taken.

Following the steps listed below enables you to save your movies and maps as file types that can be easily shared with others. The process for exporting an iMovie project is also important if you want to put a movie clip on your website, as it can compress the movie to a size that is small enough to be viewed over an internet connection.

To export an ArcView map:

1. Under the file menu in ArcView, instead of saving, choose "Export Map."
2. Under Save as type, select ".pdf" or ".jpg" from the pull-down menu
3. Navigate to the folder where you want to save it and type a name in the "file name" box
4. Click "Save"

To export an iMovie project\*

1. Under the "Share" menu in the menu bar, choose "Share."
2. A dialogue box will open; if it's not already selected, click the QuickTime icon at the top
3. From the pull-down menu, choose how you would like to compress the movie, based on the minimum size and quality necessary
4. Click the "Share" button
5. Give the movie a name, and navigate to the folder in which you want it saved, and click "Save"

\*This is the 'quick and dirty' version! For more complete instructions on this process, check out the Exporting Movies how-to-guide on the CREST website resources page: <http://crest.islandinstitute.org/resources.asp>

## RESOURCES & TOOLS

**"Windows on Maine"** <http://windowsonmaine.library.umaine.edu/index.aspx>

is a website with a wide array of video, sound recordings, pictures, and text about Maine from a variety of sources. You can browse, search, stream, and download these educational materials. The site also has a category of student productions where you can submit videos to be posted. To get more information on how to have the videos that you created at your school, or your own videos, posted to this website, check out the how-to guide on the CREST website: [http://crest.islandinstitute.org/guides/posting\\_movies\\_wom.pdf](http://crest.islandinstitute.org/guides/posting_movies_wom.pdf)

Does your project involve taking lots of photographs that you want linked to in a map? There's a really easy way to have photos connected to GPS points so that the photos will automatically be hyperlinked to the points when you upload the data from the GPS to the

computer and create a shapefile (in ArcMap) or a kmz file (in Google Earth). This could be a perfect tool for you if you are monitoring a stretch of riverbank over time, for instance, and want to have a catalogue of past photos to reference, or if you want a visual record of a trail. If you want to learn how to do this, contact Hope at [hrowan@islandinstitute.org](mailto:hrowan@islandinstitute.org).

## UPCOMING OPPORTUNITIES

### Conferences

Principles & Best Practices of Place-Based Education  
June 22-24, 2008  
Shelburne Farms  
<http://www.shelburnefarms.org>

Institute on Service-Learning  
July 21-25, 2008  
Shelburne Farms

### Grants

Technology Donation and Grant opportunities  
<http://www.edutopia.org/grantinfo#Corporate>

## CREST CALENDAR

**May 14th:** CREST YEAR END REPORT DUE  
Summer Institute Registration Due

### **July 14 - 18, 2008 ~ Summer Institute Week I**

To be held at the Schoodic Education & Research Center in Winter Harbor.

- \* Connors-Emerson School
- \* Deer Isle-Stonington Elementary School
- \* Fort O'Brien
- \* Isle au Haut Rural School
- \* St. George
- \* Swan's Island Elementary School
- \* Vinalhaven

### **July 21 - 25, 2008 ~ Summer Institute Week II**

To be held at the Schoodic Education & Research Center in Winter Harbor.

- \* Lubec Consolidated School
- \* Deer Isle-Stonington High School
- \* George's Valley High School
- \* Greely High School
- \* Islesboro Community School
- \* Lubec
- \* Mount Desert Island High School
- \* North Haven
- \* Searsport High School

\* Washington Academy

**Sincerely,**

The CREST Team  
Island Institute



*In Partnership with UMM. Funded by NSF.*



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