

Program Details

Who can participate?

The April Break Young Environmental Leaders Program is for teachers and students from the Bangor School Department, MSAD #11 (Gardiner) or AOS 92 (Waterville). Along with MDIBL, these school districts are partners with the [COSEE-Ocean Systems](#) (COSEE-OS) program at University of Maine.

The program is for middle school and high school teachers and students.

Teacher-student teams are expected to participate together in the program. We have space for two teachers and twelve students or three teachers with 3-4 students each. .

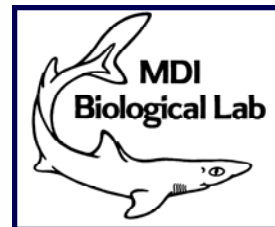
Where is the program located?

The program will take place on the MDIBL campus, which is situated on Frenchman Bay in Salisbury Cove, Maine and in various field locations on Mt. Desert Island.

Housing and meals are provided on campus as part of the program—teachers will help to transport students to field sites.

April Break Program

MDIBL is offering a 5 day program for teachers and their students interested in gaining marine research experiences and learning related skills that will help them become environmental leaders in their communities.



For more information contact:
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Young Environmental Leaders Program at MDIBL



April 16-20, 2012



**"Things do not change;
we change."
-Henry David
Thoreau**

MDI Bio Lab

MDI Biological Laboratory has an 11 year history of engaging young people and teachers in citizen science initiatives through the [Community Environmental Health Laboratory](#). Middle school, high school, and college student interns, apprentices, and volunteers have helped to solve pollution issues on MDI through water quality monitoring and watershed surveys. Local middle school students have participated in red tide monitoring through their schools, acting as a first alert system for the Maine Department of Marine Resources. Recently, community members of all ages have participated in mapping, restoring, and monitoring eelgrass habitat in Upper Frenchman Bay.

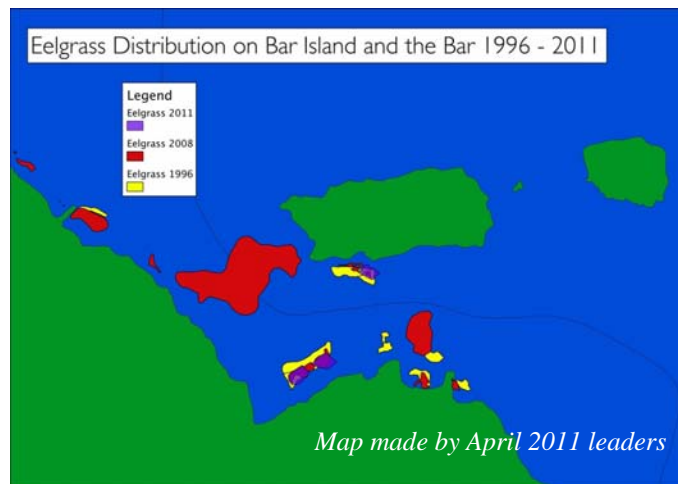


Maine Youth Action Network

The mission of the [Maine Youth Action Network](#) is to empower youth, adults and organizations by offering training, networking and leadership opportunities that help people transform themselves and create positive change in their communities.

Island Institute

The [Island Institute](#) is a nonprofit organization that serves as a voice for the balanced future of the islands and waters of the Gulf of Maine. An education program of the Island Institute is the Community for Rural Education Stewardship and Technology (**CREST**) program. CREST provides the tools for students and teachers to create place-based learning experiences that use technology to answer community resource stewardship questions.



Young Environmental Leaders Program Schedule

Day 1. April 16th: Students learn environmental leadership skills with two facilitators from the Maine Youth Action Network & learn about eelgrass ecology and restoration efforts in upper Frenchman Bay.

Day 2. April 17th: Students visit Hadley Point in Bar Harbor to learn how to run a full suite of water quality tests. They use GPS units to collect sample site coordinates for GIS mapping

Day 3. April 18th: Students work with Hope Rowan, of Island Institute, to learn how to make maps with open source GIS software.

Day 4. April 19th: Students visit the bar in Bar Harbor to study eelgrass beds at low tide and collect organisms for identification.

Day 5. April 20th: Students summarize their data and their experiences and give a 2 PM presentation to the MDI Bio Lab community and friends at Maren Auditorium.

Invitation to Parents

On April 20th at 2 pm parents and other school community members are invited to a presentation by the Young Environmental Leaders at the MDI Bio Lab. These students will be presenting the data they've gathered and their experiences from the week.