

# School Programs and Programs for Educators



**S**helburne Farms' School Programs promote both student learning and professional development. The field trip experience provides hands-on, inquiry-based learning for students, and the opportunity for teachers to assess their students while working beside our educators.

## On-Site Programs

**A**ll of our one-day field trips are offered here at Shelburne Farms on a lottery basis for grades K–8 and their teachers. Shelburne Farms is a nonprofit environmental education organization, 1,400-acre working farm, and National Historic Landmark. Its diverse landscape — including its farmyard, meadows, woodlots, pastures, gardens and lakeshore — creates an inspiring campus for discovery and exploration.

## Outreach Programs

**+ OUTREACH** Indicates that the field trip is offered in your community, as well as at Shelburne Farms.

**S**helburne Farms educators can bring many field trip topics to your schoolyard, local natural area, or community to cultivate your students' sense of place and enhance their appreciation for their human and natural communities. These programs provide hands-on, real-world learning experiences that connect directly to your curriculum.

## Educator Workshops

**+ WORKSHOP** This indicates that an educator workshop related to this field trip topic is being offered. See p.5

**W**e offer teachers one-day workshops that explore specific field trip topics in more depth. These workshops help you build a stronger connection between your curriculum, the standards, and the field trip experience. Teachers not scheduled for a field trip through the lottery are welcome to attend the workshops.



“My students loved it! I just can't say enough about all of the enriching activities that we did on our trip. We had so much fun and we learned so much. You guys rock!”

— Educator



# Field Trips for Grades 4–8

**FEE: \$7/STUDENT**  
(scholarships available)  
**TIME: 9:00 AM – 1:30 PM**



## Wetland Ecosystem Investigation **SEPTEMBER**

**+OUTREACH** Increase awareness of  
**+WORKSHOP** wetland ecosystems in your community with Shelburne Farms educators or visit the LaPlatte Marsh in Shelburne. Students will discover the functions and characteristics of wetlands through hands-on activities. During the exploration, students will identify common wetland plants, find out about their adaptations for living in this type of habitat, discover the properties of wetland soils, and determine water quality using biotic factors.

## Stories in Stone **SEPTEMBER & OCTOBER**

**+WORKSHOP** Explore the basic geologic processes that have shaped and transformed our earth, including rock formation and weathering. Discover the rich geologic history of our region through hands-on activities and scientific explorations.

## Don't Hibernate — Hike! **JANUARY & FEBRUARY**

**+OUTREACH** Go on a winter adventure in your own backyard with Shelburne Farms educators or join us in ours! Students will experience and learn about the necessary preparations to have a fun and safe winter

adventure in the outdoors. During the four-hour outing students will experience fundamental teambuilding concepts while going on a winter trek. They will practice reading basic elements of a map and apply them to the landscape. Students can choose from activities like fort and fire building, animal tracking and more!

## Sugaring by the Numbers **MARCH**

**+WORKSHOP** Investigate the math, science, and other wonders of maple sugaring by spending the day in our sugarbush. Students will engage in the process of sugaring as they identify and measure appropriate trees to tap, gather sap, calculate the number of gallons of sap needed to produce one gallon of syrup, and investigate the physics of sugaring with our sugarmaker.

## Simple Machines on the Farm **APRIL & MAY**

From hauling hay bales and tilling soil to grinding wheat and mucking pens, simple machines help all over the farm! Students will investigate how simple machines work through engaging in farm chores, experimenting with hand tools, and participating in inquiry-based exploratory activities.

## Expand Your Field Trip Experience with These Offerings:

**+WORKSHOP** One-day educator workshops linked to specific field trip themes. See p. 5 for complete descriptions.

**This Lake Alive!** . . . . . **MAY 13, 2009**  
**Geology on the Road** . . . **MAY 21, 2009**  
**Healthy Harvest** . . . . . **OCT. 23, 2009**  
**Sweet Sugaring** . . . . . **JAN. 15, 2010**

**+OUTREACH** Field trips offered in your community. In addition to our program goals, our outreach goals are to encourage educators to use their school's natural and agricultural communities for learning and enhancing students' connections to their place.



## Farmer for a Day

**+WORKSHOP** **MAY & JUNE**

Connect agriculture, local communities, economics and the natural environment while developing cooperative learning skills. In the classroom, student groups will choose a farm they would like to manage (sheep, dairy or organic herb and vegetable), and create an advertisement for the farm product they would like to develop. During their visit, students will participate in real-life farming activities and create their farm product — ice cream, herbal teas or a felted wool ball or pouch.

**Many of our K–8 Programs  
are offered in your  
community!** Look for: **+OUTREACH**