



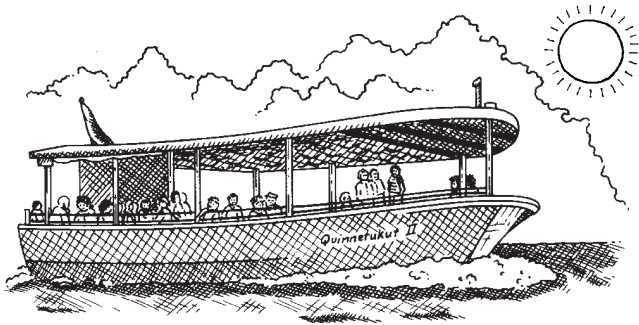
# Northfield Mountain

RECREATION & ENVIRONMENTAL CENTER

99 Millers Falls Road • Northfield, MA 01360 • (800) 859-2960 • Email: [nerc@nu.com](mailto:nerc@nu.com);  
[www.nu.com/northfield](http://www.nu.com/northfield)

## SCHOOL PROGRAMS 2006 FALL

Northfield Mountain Recreation and Environmental Center is offering a variety of activities for schools and organized groups in the upcoming season. Our goal is to provide learning opportunities that are both educational and fun, using the outdoors as a classroom. *Our fee waiver policy sets aside limited funds for individual students, classes or organized groups. Contact the Center for more information.*



**Jump-start your curriculum: school riverboat reservations taken any time! Cruises begin August 30th.**

### QUINNETUKUT II RIVERBOAT

Come aboard this fall for a true Connecticut River experience and learn about New England's greatest river. These one hour cruises will begin Wednesday, August 30, and depart at 10:00 and 11:15 am on Wednesday, Thursday and Friday mornings. Cruises will depart from the Riverview Picnic area. Afternoon slots may also be available.

All grades

Time Allowance: 1 hour

Group Size: 60 (10/1 student/adult ratio)

Availability: Wed., Thu., Fri.

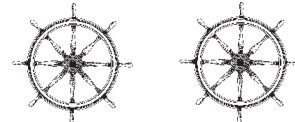
Fee: \$5/student

### REGISTRATION POLICIES

- **Beginning Thursday, September 7, school program reservations will be accepted for all Environmental and Recreation programs. Register anytime for the Quinnetukut II Riverboat.**

*All programs require reservations which will be accepted **only by phone on a first-come, first-served, basis.** Call: (413) 659-3714, or (413) 659-3715, from 9 am to 4:30 pm, Wednesday-Sunday.*

Fall Quinnetukut II programs begin on Wednesday, August 30th.



\* \* ***If*** there is a significant change in the number of students in your group, it is important to notify the Center as soon as possible to avoid a surcharge. *Please note that a cancellation of less than two weeks will result in the school being billed for the program.*

*Northfield Mountain is a pumped storage hydroelectric generating station owned and operated by Northeast Utilities. In accordance with our federal license we have an extensive array of educational and recreational facilities. In addition to school activities, Northfield Mountain offers public programs year round. To receive a copy of the public newsletter please call the Center at: (800) 859-2960, or email to: [nerc@nu.com](mailto:nerc@nu.com)*

*All environmental school programs support the Massachusetts Science Frameworks. For information contact Kim Noyes, School Environmental Programs Coordinator: (413) 659-4462*

## WOODCHUCKS, WARBLERS AND WHIRLIGIGS

What is happening in the animal world during the fall? From insects underfoot to birds overhead, there's activity everywhere as animals prepare for winter. This outdoor program is filled with activities and games that help children discover for themselves what is happening during this special time of year. The focus is on observation skills as students search for wildlife clues and examine, live and up-close, the fascinating world of insects in an autumn field (weather permitting). Pre- and post-visit curriculum materials are provided.



*Grades 1 and 2*

*Time Allowance: 1¾ hours*

*Group Size: 25 (groups up to 36 available on limited days) (10/1 student/adult ratio)*

*Fee: \$5/student; minimum \$50/group*

## BEYOND THE SCHOOLYARD

From migrating birds to dispersing seeds to colorful leaves, fall is a busy time of year in the natural world. Designed specifically for young children, this outdoor program explores fall as a season of change. The fields and forests become the classroom as children discover shapes, colors, and textures in nature. Hands-on activities, creative dramatics and sensory exploration take place in a safe and playful environment.

*Grades Pre-K and Kindergarten*

*Time Allowance: 1 hour Pre-K; 1¼ hour K*

*Group Size: 22 (groups up to 33 available on limited days) (10/1 student/adult ratio)*

*Fee: \$4/student; minimum \$40/group*



## FROM SEEDS TO SOIL



Plants and soils are the focus of this hands-on, investigative program that offers students the opportunity to explore natural cycles. Students will learn about adaptations in the plant world that enable survival from year to year. In addition, nutrient recycling and interdependence will be studied as students observe what is happening right under their feet. The characters in this on-going drama include: mushrooms, seeds, insects, rotten logs, leaf litter, bizarre invertebrates and soil. This outdoor program explores the different and crucial roles played by these often overlooked forest inhabitants. Pre- and post-visit curriculum materials are provided.



*Grades 4 and above*

*Time Allowance: 2 hours*

*Group Size: 25 (groups up to 40 available on limited days) (10/1 student/adult ratio)*

*Fee: \$5/student; minimum \$50/group*

## TREES ARE TERRIFIC

Using the forest as a classroom, this program will immerse students in the world of trees. Topics include forest ecology, seasonal changes, structure, function, and importance to humans. Students will have the opportunity to sharpen their observation skills as they explore life in and around a tree, join in a variety of games and activities and reflect upon their experience through writing and drawing. We hope you will join us this fall for this exciting program. Curriculum materials provided.



*Grades 4 and above*

*Time Allowance: 2 hours*

*Group Size: 25 (groups up to 40 available on limited days) (10/1 student/adult ratio)*

*Fee: \$5/student; minimum \$50/group*

## INCREDIBLE INSECTS

Join us and explore the six and eight-legged wonders that abound in our fields this fall. Students will have the opportunity to collect, observe and release insects and spiders. A variety of activities will introduce the amazing adaptations, life cycles and ecology of one of the most successful groups of animals on earth - the incredible insects!

*Grades 2 and 3*

*Time Allowance: 2 hours*

*Group Size: 25 (groups to 36 available on limited days) (10/1 student/adult ratio)*

*Fee: \$5/student; minimum \$50/group*



## ORIENTEERING

Opportunities are available for teachers to lead their own orienteering program using the permanent course at Northfield Mountain after teaching the necessary skills in their classroom.

**Guidelines for teachers interested in leading their own orienteering program using Northfield Mountain's permanent orienteering course:**



Use of the Northfield Mountain orienteering course is available to school groups on Tuesdays, Wednesdays, and Fridays in September and October. A teacher or a group leader must reserve their use of the orienteering course in advance. **Reservations for self orienteering** will be taken beginning **Friday, September 8.**

- *Northfield Mountain staff will not be available to instruct your students.* However, we will assist you in planning logistics for your group's use of the orienteering course.
- Students must be accompanied by an adult chaperone while using Northfield Mountain's orienteering course. Organizing your students into groups (3 to 5 students working together) creates a small group activity, which is effective for learning orienteering.
- ***Orienteering maps are available for \$2.00 per map. Compasses may be rented for \$1.00 per compass while your group is at Northfield.***
- ***Indoor classroom space is not available at Northfield Mountain.*** Please plan accordingly.

## POND EXPLORATION CLASSROOM RESOURCE KIT

Exploring a nearby wetland is an exciting and educational adventure. Visiting a pond allows students to discover for themselves the amazing animals and plants that depend on wetlands for survival.

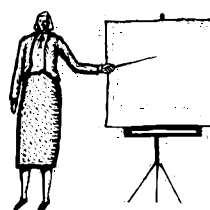
This kit provides enough materials (nets, basins, introductory field guides, magnifying boxes) to teach a pond or water unit to a class of 30 students. In addition, each kit contains a curriculum package with background information and a variety of activities to introduce and follow-up a visit to a pond. The kit is recommended for grades 1 - 6 and is available on a 21-day loan basis.

*Teachers are responsible for picking up and returning the kit to the Center. There is a \$25 rental fee.*



## FUNDAMENTALS OF ELECTRICITY CLASSROOM RESOURCE KIT

Here's an opportunity for teachers to introduce the basic concepts of electricity in the classroom. The kit provides enough materials to teach an electricity unit to a class of 30 students (grades 5-8 recommended) using a hands-on approach. The Fundamentals of Electricity kit is available throughout the school year on a 21-day loan basis. Teachers are responsible for pick-up and return of non-consumable materials to the Center. Call ahead to reserve the kit for your class. *There is a \$25 rental fee.*



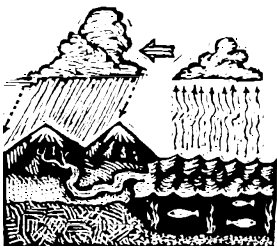
Northfield Mountain Recreation  
and Environmental Center  
99 Millers Falls Road (Route 63)  
Northfield, MA 01360

Bulk Rate  
U.S. Postage Paid  
Northfield, MA 01360  
Permit #9

ADDRESS SERVICE REQUESTED

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Northfield Mountain offers unique opportunities for hands-on environmental education and recreation. Our experienced educators allow visitors the opportunity to explore subjects and habitats through focused, inquiry-based programs, taking advantage of the changing seasons.



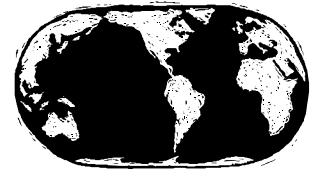
## **Project WET Teacher Workshop**

*Saturday, November 4 9:00 am – 3:30 pm*

*For educators, both formal and non-formal*

*Location: Northfield Mountain*

*\$30, includes Project WET Curriculum Guide*



Facilitators: *Jim Lafley, Education Program Coordinator for the DCR Division of Water Supply Protection, and Kim Noyes, Environmental School Program Coordinator at Northfield Mountain.*

Project WET (Water Education for Teachers) is a national program of water related activities for teachers to use in conjunction with their current curriculum. The activities are correlated to the Massachusetts Curriculum Frameworks and cover many subject areas. This curriculum is “hands-on” and can be integrated into many teaching units. Project WET is great for both school and non-school settings.

Participants will receive the 515 page Activity Guide containing over 90 new activities and can receive a certificate toward 6 hours of professional development. Dress for the outdoors. Morning refreshments will be provided.

*Please bring a lunch.*

*Reservations begin on September 7, for Environmental and Recreation programs; Riverboat reservations - anytime. Reservations are accepted by phone, Wednesday through Sunday by calling: (413) 659-3714, or (413) 659-3715. We will make every effort to accommodate you.*