



Acadia Paw Press

National Junior Ranger Day

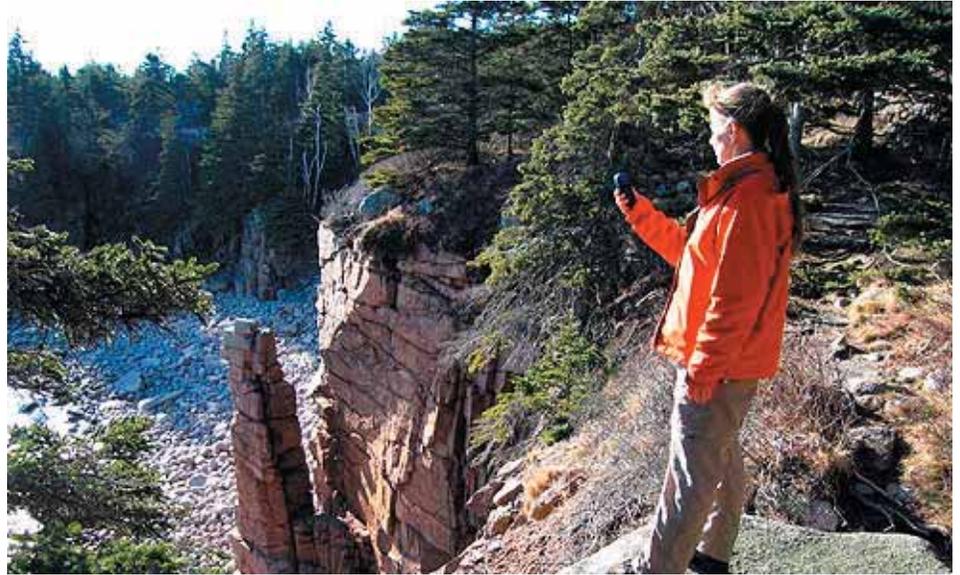
Saturday, April 28

Enjoy a special family day in Acadia! Explore, learn, and discover how to protect our natural and historical resources.

Junior Ranger Day will take place at Acadia's Sieur de Monts Springs area on Route 3 south of Bar Harbor. For children age 5 to 12 and their families (former, current, and "wanna-be" junior rangers welcome!). The day's events will include:

- games
- arts & crafts
- nature hikes
- cultural activities

Activities run from 11 a.m. to 3 p.m. rain or shine! Check local newspapers for details about this event, which is part of MDI's TV Turn-Off Week.



Acadia's EarthCache Program

Want to learn about Acadia's rich geologic history but need to fit a program around a busy personal or school schedule? Interested in completing a self-paced program or offering a program to students for extra credit? How about getting exercise while learning? Group leaders, home school teachers, parents, or individuals looking for a unique, fun activity are going to enjoy Acadia's new EarthCache program! This pilot program will be offered beginning on April 15, 2007, or when the park roads are open and clear of snow and ice.

What exactly is an EarthCache? It is a special natural feature in the park that is located using a handheld Global Positioning System (GPS) unit. Think of EarthCaching as a modern-day treasure hunt where the treasure gained is knowledge about the park.

For what age group is this program designed? Both adults and children will love participating in this program. The whole course, which requires four to six hours to complete, takes participants to five locations within the park. By the end of the program, EarthCachers will have learned how glaciers formed Acadia's beautiful landscape. Along the way participants

See EarthCache, page 2

National Park Service Websites

www.nps.gov/acad

The official website of Acadia National Park. Includes information on park resources, trip planning, and more.

www.nps.gov/acad/forteachers

The home of Acadia National Park's education program. Offers links to teacher, parent, and student resources; the Junior Ranger program; online activities for kids; and more.

www.nps.gov/learn

Serves all teachers and learners with national park curriculum-based learning tools, teaching resources, online activities, and Junior Ranger programs.

www.efieldtrips.org

Includes interactive virtual national park visits, trip journal worksheets, "ask an expert," and live web chats.



National Park Service
U.S. Department of the Interior

Acadia National Park encompasses more than 47,000 acres of granite-domed mountains, woodlands, lakes and ponds, and ocean shoreline, creating striking scenery and diverse habitats. This diverse environment combines with a rich cultural history to create unparalleled scientific, educational, and recreational opportunities in a spectacular setting.

Education Office Acadia National Park

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The National Park Service cares for the special places saved by the American people so that all may experience our heritage.

EarthCache, Continued

can gain an understanding of the concepts of latitude and longitude, and by the end of the program will have mastered how to use a GPS unit. Successful completion of the program allows the participant to print a certificate from the Internet with his or her name on it.

All that is needed to begin is access to the Internet, a GPS unit, pen and paper, and a Mount Desert Island map. To begin Acadia's EarthCache program, go to www.nps.gov/acad/earthcache.htm. To learn more about EarthCaching, visit www.earthcache.org. Learning has never been so much fun!

Staff News

Three education staff members attended the two-week National Park Service (NPS) Fundamentals II training at Grand Canyon National Park this winter. National Park Service employees from all over the country came together to learn about many aspects of NPS operations, legal foundations, partnerships, leadership, and resources stewardship. It was an inspiring experience in an awesome setting.

We are glad that **Pete Berquist** is returning for his second year as an education ranger after spending

his first winter on MDI, where he enjoyed teaching field geology at the College of Atlantic and the local ice fishing. Pete also gave a popular public presentation on earthquakes for COA's winter speaker series.

Our spring intern this year is **Karen Benore**. Karen holds a Master's degree in education from the University of Connecticut. She has experience teaching multiple subjects at elementary and middle schools and is looking forward to sharing her joy for the outdoors and teaching the students who visit Acadia.



Passamaquoddy Kit workshop at the Abbe Museum in March.

Sign Up for Leave No Trace

If you're an environmental educator, teacher, or summer camp leader, or a public or private land manager, or maybe you just want to improve your personal skills to benefit the great outdoors, the two-day Leave No Trace Trainers class is for you.

Learn how to practice and teach Leave No Trace through experiential learning. Each class includes one night of camping.

Call the contacts listed below for more information and costs.

May 5–6: Maine Island Trail Association (Kennebunkport) – Dave Mention, 207-761-8225

May 26–27: Camp Beech Cliff (Mount Desert Island) – Kyle Bissell, 207-244-0365

June 20–21: Acadia National Park (Schoodic Peninsula) – Charlie Jacobi, 207-288-8727



ATM High School Events

Acadia National Park staff gave several interactive classroom presentations this winter as part of the Maine Distance Learning Project. This new venue allowed us to reach secondary students around the state, some who have never visited the park. Taping was done at Ellsworth and Bucksport High Schools.

Programs included an overview of resource management at

Acadia by Jim McKenna, wildlife management by Bruce Connery, and geology by Kate Petrie. Meg Scheid also offered an after-school ATM presentation for educators about Saint Croix Island International Historic Site.

We hope to continue using this technology in winters to come. If you have any particular topics you would like to see offered, please contact the education office.



Monitor showing ATM presentation by Jim McKenna.

Weed Curriculum for Grades K–12 Available Online

“Alien Invasions – Plants on the Move” weed curriculum for grades K–12 is now available online.

It was developed by Bureau of Land Management staff and other experts. All lessons fit within existing mandated National Science Education Standards (NSES). Many activities integrate

social studies, art, language arts, and math components.

To view the curriculum, visit www.weedinvasion.org/weeds/weed_home.php. For more information, contact Janet K. Clark at the Center for Invasive Plant Management at cipm@montana.edu.

What's New in Our Library?

Awesome Ocean Science by Cindy Littlefield

Waves and currents, shorelines and tide pools, sea life, the ocean floor, and many other secrets of the underwater world are investigated in this activity book. Especially for ages 7-12.

Honored Places – The National Park Service Teacher's Guide to the American Revolution

Primary sources and lesson plans for teaching the American Revolution and its aftermath from the National Park Service's Revolutionary sites. Includes background, classroom activities, and links to national standards in history and social studies. Although written for a middle school audience, the activities are easily adapted for lower and higher grades.

Maine: The Way Wildlife Should Be – Poems by Robert Pottle

This local poet enjoys visiting schools to share his poetry. Most of the animal poems have been written into songs using familiar tunes and are fun and easy to sing.

Sea Clocks – The Story of Longitude by Louise Borden

"For hundreds of years ships had been sailing to places far and near without really knowing where they were!" The problem of longitude and its solution in children's terms. The reader follows the quest to invent the perfect sea clock.

The Tremendous Tree Book by Brenner and Garelick

This book increases awareness of how important trees are to all life. The authors take complex material and pare it down to the basic facts that children can understand. Simple, rhythmic writing combined with delightful cut-paper illustrations.

Call our office or stop by during regular business office to borrow these or any other titles in the Educator Resource Library.



“No Child Left Inside” Workshop

On May 3 and 4, participants from throughout the state of Maine will gather at the Schoodic Education and Research Center to discuss an important issue brought to national attention by Richard Louv's best-selling book, *Last Child in the Woods*. Approximately 30 individuals representing educators, agencies, organizations, and recreation businesses have been invited to come share their perceptions about the growing lack of connection between today's children and nature, and its repercussions. The objectives for the event are to:

- begin a statewide dialogue on this issue,
- begin to assess the perception of this issue from multiple perspectives within the state,
- develop a network of interested organizations, and
- start to form a list of collaborative actions to encourage use of the outdoors by youth.

This statewide, grassroots effort is sponsored by the National Park Service, Maine Department of Conservation, College of the Atlantic, University of Maine Cooperative Extension, Friends of Acadia, and Acadia Partners for Science and Learning.

What's Happening at the Schoodic District?



Work continues on the hostel, where SEA program participants will be lodged, and the auditorium at the Schoodic Education and Research Center.

2007 BioBlitz: Cataloguing Spider Biodiversity

Do you have a fascination with spiders or want to learn more about these eight-legged critters? Then join us July 20–23 for the fifth annual BioBlitz at the Schoodic Education and Research Center (SERC) in Acadia National Park. A BioBlitz—a rapid snapshot assessment of living things in a specified geographic region—is a useful tool to begin assessing the park's biodiversity. This year's intensive survey will focus on spiders, with the goal of identifying as many species as possible in 24 hours.

Amateur and professional entomologists are welcome to participate in the BioBlitz. For audiences interested in a shorter, more general introduction to spider ecology and collecting, a free, public Resource Acadia "Spiders for Beginners" workshop will be held from 8:30 to 11:30 a.m. on Sunday, July 22. Led by Jonathan Mays from the Maine Department of Inland Fisheries & Wildlife Invertebrate Group, the workshop will include a classroom discussion of general spider ecology and natural history, followed by a field session where participants will collect spiders to contribute to the BioBlitz effort. **Registration is required.**

For more information about the BioBlitz or Resource Acadia, visit the SERC website at www.nps.gov/acad/serc.htm or contact Kelly Pontbriand at Acadia National Park at kelly_pontbriand@nps.gov or 207-288-1316.

Whether you're a beginner just discovering the fascinating world of spiders or an amateur entomologist, we hope to see you in July!

Schoodic Education Adventure

Reservations for the 2007 Schoodic Education Adventure (SEA) program season will be accepted starting April 2.

The 2007 season will feature three- and four-day residential programs running concurrently from Wednesday, September 12, through Friday, November 9. Three-day programs will cost \$50 per child; four-day programs will cost \$75 per child. A limited number of chaperones may stay free of charge depending upon group size. Costs include meals and lodging in the newly renovated hostel.

For the second year, thanks to the L.L.Bean Kids in Acadia grant, scholarships are available for students.

To reserve a spot for your class, download the SEA application from the park website at www.nps.gov/acad/forteachers/seaprogram.htm and submit it via e-mail or fax. For more information about the program, contact the SEA program director at kate_petrie@nps.gov.

What's Happening at the Schoodic District?

Upcoming Teacher Workshops

Monday, April 23; Monday, May 14; or Tuesday, August 7

Schoodic Education Adventure Program – Pre-Visit Teacher Training

Required subject and logistical training for educators who want to bring their students to the SEA program. Cost: \$25; scholarships available. 9 a.m. – 3 p.m.

August 13 – 16

Reading, Writing, and the Poetry of Natural Resources

Join us for a series of workshops on integrating language arts with natural/cultural heritage in your classroom. Enroll in all four days of classes or just a few mini workshops. CEUs and contact hours are available upon request. Costs range from \$40 to \$450; scholarships available.

Course highlights include:

Map Your Word with Writing and Let the Light In

- Poetry projects for every classroom

The Leopold Education Project

- Interdisciplinary educational program built around the classic writings of conservationist Aldo Leopold
- Learn meaningful hands-on activities for integrating reading, writing, and conservation land ethics to take back to your school yard and classroom

Project Learning Tree

- Learn language arts, social studies, math, and science activities to improve student critical thinking and problem-solving skills

August 20 – 23

Integrating National Park Resources and Research into the Classroom Curriculum

Cost: \$450; scholarships available.

- Resource study of the coast of Maine and Acadia National Park
- Explore the complex issues associated with exotic species, pollution, air quality, the night sky, geology, and resource damage
- Meet scientists studying coastal Maine

- Visit an offshore island and learn how Maine's earliest artists, native history, and coastal environments can intersect in your classroom
- Open to all grade 3–12 teachers in New England

October 9 – 10

Communicating Natural Resource Issues Through Maps & Graphs

Cost: \$75; scholarships available.

- Two-day map, compass, and GPS tour of resource study activities you can transfer to your classroom
- Integrate language arts, social studies, science, art, and math into classroom map studies
- Suitable for grades 2–10

Monday, November 5

National Parks – Earth Science Resources for Your Classroom

Cost: \$25; scholarships available.

- Integrated activities for your classroom
- Interdisciplinary earth science content correlated with Maine State Learning Results

What Do Multiple-Day Workshops Include?

- Fully furnished accommodations at the Schoodic Education and Research Center, Winter Harbor, Maine
- Meals, on-site transportation, books, and materials provided
- CEUs arranged through the University of Maine
- Opportunities to develop language arts, math, science, and social studies activities to take back to your classroom
- Qualification to attend Acadia's 5th–8th grade residential program (optional). For more information, visit the park website at

www.nps.gov/acad/forteachers/seaprogram.htm.

- Limited to 25 participants

For workshop details and applications, contact Kate Petrie at kate_petrie@nps.gov or 207-288-8823.

Acadia National Park - 2007 Spring Programs

THIRD GRADE

What Do Rangers Do?



A one-hour, in-class presentation about the mission of the National Park Service and the different jobs of the people who work in the park. This is part of the student requirements to become a Junior Ranger, along with workbook activities and Junior Ranger Day at Acadia. *Available April 9 through May.*

Junior Ranger Day!

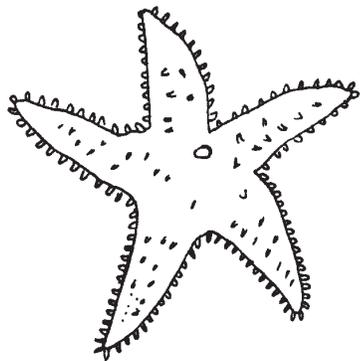
The final step in becoming a Junior Ranger! Students take the Junior Ranger pledge and participate in a park clean-up and resource project. If participating, please fill out the Junior Ranger Day volunteer form. *Available May to June 8.*



FOURTH GRADE

Carroll Homestead

Find out what it was like to live on Mount Desert Island 100 years ago. Includes a special tour of the Mountain House and a look at the daily life of a local family. *Available April 23 to June 8.*



FIFTH GRADE

Where in the World Is Tuzigoot?

Explore the history and mission of our country's diverse National Park System in this 90-minute classroom presentation that engages students through small group investigations. *Available April 9 through May.*

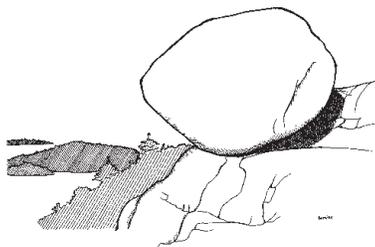
Shoreline Discovery

Who lives in the mudflats? What causes the tides? How are animals and plants adapted to life in a tidepool? How does the forest survive near the sea? Discover the answers to these and other coastal questions. *Available April - 11, 12, 23, 24; May - 8, 9, 10, 11, 22, 23, 24*

SIXTH - EIGHTH GRADE

Fire and Ice - Discovering Acadia's Geologic Past

While hiking around Great Head, we will read the landscape and hear the story of Acadia's geologic past. See evidence of the local rock cycle, glacial features, and plate tectonics. Warning: Sections of the hiking trail are steep! This program works best as a review of basic geologic terms and processes studied in the classroom. *Available April 9 to June 8.*



Reservation deadline is March 29!

Acadia National Park - Program Reservation Form

Teacher Name(s) _____

School _____

School Phone # _____ # of Students _____

E-mail Address _____

Please return by Thursday, March 29
 Return in one of three ways:
 • E-mail as an attachment to cynthia_ocel@nps.gov
 • Fax to 288-8831
 • Mail to Education Office
 Acadia National Park
 P.O. Box 177
 Bar Harbor, ME 04609

*****Please make a separate copy of this form for each program you request!*****

Please check one

	Third Grade – What Do Rangers Do? 60-minute classroom presentation for upcoming Junior Rangers. <i>Available dates: April 9 through May</i>	<i>PLEASE SPECIFY TIMES</i>
	Third Grade – Junior Ranger Day Please fill out Junior Ranger Day volunteer sheet with this form. Locations will vary. The location will be noted on your confirmation. <i>Available dates: May to June 8</i>	Time: 9 a.m. – 12 p.m.
	Fourth Grade – Carroll Homestead <i>Available dates: April 23 to June 8</i>	Time: 9 a.m. – 1 p.m.
	Fifth Grade – Where in the World is Tuzigoot? 90-minute classroom presentation. <i>Available dates: April 9 through May</i>	<i>PLEASE SPECIFY TIMES</i>
	Fifth Grade – Shoreline Discovery <i>Available dates: April – 11, 12, 23, 24</i> <i>May – 8, 9, 10, 11, 22, 23, 24</i>	Time: 9 a.m. – 12:30 p.m.
	Sixth through Eighth Grades – Fire and Ice Please circle the grade level participating: 6 7 8 <i>Available dates: April 9 to June 8</i>	Time: 9 a.m. – 1 p.m.
First Choice Date		
Second Choice Date		
Third Choice Date		

Note: Please let us know in advance if you have any conflicts with the scheduled program times.

• What pre-visit activities will you be doing with your students?

• Do you need a copy of the *Geology of Mount Desert Island* (Fire & Ice only)? Yes ____ No ____
 Program educator’s guides (except Tuzigoot and Shoreline) are available for download on the park’s website at www.nps.gov/acad/forteachers/lessonplansandteacherguides.htm.

• Note below any special requests or needs, including accessibility or medical issues.

A confirmation letter will be mailed within one week of processing your program request. If a program is scheduled for April 9-13, you will be contacted by e-mail or phone.

Office Use Only:	Confirmation sent:	Program date:
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