

Young Ecologists Summer Camp

Proposed Schedule

Please note that this is subject to change but will give you a good idea of what to expect.

Proposed Schedule

Day 1 --Birds and habitats, adaptations (beaks and feet), use of binoculars, use of field guides, bird identification, birds as ecological indicators; Lehigh Gap Restoration Project; Bake Oven Knob and the Kittatinny Raptor Corridor

Day 2 -- Hawks and Owls: Adaptations as Predators -- program with live hawks and owls, bluebird nest box construction, owl pellet dissection; Restoration of degraded landscape with prairie grasses

Day 3 – Pond study, stream study, water quality testing, (Chemical tests, physical factor measurements, biological inventory of macroinvertebrates); water pollution, impact of watershed activities on stream

Day 4 -- Forest ecology, leaf/tree identification, role of fungi and bacteria in forest soil, forest fragmentation, deer and predators and the value of predators in the ecosystem; geology and weathering, litter and graffiti; forest hike

Day 5 – Ecological restoration – Lehigh Gap; Charcoal Trail hike; wildflowers; ecological scavenger hunt; **Pizza party**

Field Sites may include: Lehigh Gap Nature Center, Beltzville State Park, Bake Oven Knob and the Appalachian Trail, Carbon County Environmental Education Center, Lehigh River and Trout Creek

Instructors

Kathie Romano -- Biology Teacher, Nazareth High School, Nazareth, PA.
Secretary of Wildlife Information Center Board of Directors.

Loretta M. Fair -- Biology Teacher, Freedom High School, Bethlehem, PA
Member, Wildlife Information Center.

Dan R. Kunkle -- Executive Director, Wildlife Information Center.

The following organizations have provided funding or equipment for the camp:

The Rider Pool Foundation
Harleysville Bank
PPL Corporation
Horsehead Community Development Fund
Slatington Women's Club
Washington Township, Lehigh County
Lehigh Gap Nature Center

Young Ecologists Summer Camp Student Application

Name: _____ Age: _____ Date of Birth: _____

Address: _____

City/Town: _____ Zip Code: _____ Phone: _____

Alternate Phone: _____ Email address: _____

Parent's Name(s): _____

School: _____ Grade: _____

To the Parents: Please explain in the space below, any medical or physical problems your child has that may affect his activity in this camp. Especially note any allergies (e.g. bee stings) and any conditions such as diabetes or epilepsy we should be aware of. We will be conducting most of the activities outdoors. Attach additional page if necessary.

My son/daughter has my permission to apply for acceptance as a student in the Wildlife Information Center's Young Ecologists Summer Camp. I understand that there is only a \$40 registration fee (payable upon acceptance to the camp), and that I am making a commitment to ensuring that he/she attends daily. It is my responsibility to provide transportation to and from the Lehigh Gap Nature Center office each day.

(Parent Signature) (Date)

To the Student: I hereby pledge that if I am accepted, I will attend the Ecology Camp daily from 9:00 to 3:00 from June 28 through July 2.

(Student Signature) (Date)

**Return this form to: Ecology Camp
Lehigh Gap Nature Center
P.O. Box 198
Slatington, PA 18080**

Deadline: May 15, 2010 Questions -- 610-760-8889