

2011 Pinelands Summer Teacher Institute – Black Run Preserve

Agenda

(subject to change)

June 27 - July 1, 2011

- Monday: TEACHERS ONLY meet at Pinelands Preservation Alliance at 8:45am**
- 9:00 – 9:15 am Review program agenda (*John Volpa*)
- 9:15 – 10:30 am Program context: Reviewing the program’s goals in terms of current environmental challenges and activities from the global to the local scales. (*John Volpa*)
- 10:30 – 12:00 am Presentation on Pine Barrens ecology (*Emile DeVito*)
- 12:00 – 12:45 pm *Catered Lunch*
- 12:45 – 1:30 am Virtual examination of Black Run watershed (*Carleton Montgomery & John Volpa*)
- Evesham Environmental Resource Inventory
 - Review GIS maps and aerial photographs
 - Provide an overview of the area’s land use and environmental history and current status, including agriculture, fire, etc.
- 1:30 – 2:30 pm Presentation on history of human settlement and exploitation of the Pine Barrens and Black Run area (*John Volpa*)
- 2:30 – 2:45 pm *Break*
- 2:45 – 3:30 pm Activity on sustainable use of natural resources (*John Volpa*)
- 3:30 – 4:00 pm Discussion of *Pine Barrens: Up Close and Natural* curriculum guide and how the program supports current curriculum standards. (*John Volpa*)
- 4:00 – 4:15 pm Discuss plans for Tuesday (e.g., need for appropriate clothing)
- Tuesday: TEACHERS & STUDENTS meet at Rice Elementary School at 8:45 am**
- 9:00 – 9:45 am Black Run Institute/Pine Barrens Overview for Students
- 10:00 – 12:00 pm Guided van tour of the Black Run watershed and its surroundings, stopping at key locations:
- Kings Grant, stopping at driveway into Black Run Preserve
 - Sanctuary Development, stopping at dam at Pachoango Pond
 - Berlin Well
 - Aerohaven Airport.
- 12:00 – 12:45 pm *Catered Lunch at Evans Mill Pond*

- 12:45 – 2:15 pm Ecological surveys at Evans Mill Pond
- Aquatic survey of pH and fish species (*Carleton Montgomery & Mike Hunninghake*)
 - Flora survey (*Amy Karpati*)
- 2:30 – 4:00 pm Ecological surveys at “Upper Pond”
- Aquatic survey of pH and fish species (*Carleton Montgomery & Mike Hunninghake*)
 - Flora survey (*Amy Karpati*)
- 4:00 – 4:30 pm Return to Rice MS to discuss findings, questions and responses to field trip.

Wednesday: TEACHERS & STUDENTS meet at Adams Canoe Rental (Atsion Lake) at 8:45 am

9:00 – 4:00 pm Guided canoe trip on the Batsto River, from Quaker Bridge to Batsto Lake (*PPA Staff*).
Lunch provided.

Thursday: TEACHERS & STUDENTS meet at Rice Elementary School at 8:45 am

9:00 – 10:15 am Presentation on Pinelands conservation efforts and programs (*Mike Hunninghake*)

10:15 – 12:00 pm Travel to Black Run Preserve

Activities at “Lower Bog”

- Wildlife habitats (*Amy Karpati*)
- Geocaching (*REI*)

12:00 – 12:45 pm *Catered Lunch at Evans Mill Pond.*

12:45 – 3:30 pm Hike and aquatic surveys along “Blue Trail” and into “Hamilton/Georgetown Tract” (*John Volpa*)

3:30 – 4:00 pm Discuss findings, questions and responses to field surveys

Friday: TEACHERS & STUDENTS meet at Pinelands Preservation Alliance at 8:45am

9:00 – 10:00 am GIS mapping demonstration and discussion of water quality survey data in Pinelands-wide context

10:00 – 12:30 pm Facilitated discussion/action:

- Conservation needs for the Black Run Preserve and its various habitats
- Develop field trip itineraries for schools and the public
- Design the stewardship project for the fall/winter.

12:30 – 2:00 pm *Special Lunch and Graduation Ceremony.*

2:00 – 3:00 pm Tour of Bishop Farmstead, Pinelands Visitor Center, barn and grounds.

**Sponsored by the Pinelands Preservation Alliance, Evesham and Lenape School Districts,
and Evesham Township.**

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