

2009 Pinelands Summer Teacher Institute – Black Run Preserve Agenda

July 13-17, 2009

- Monday: Teachers meet at PPA 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 *Lunch.*
- 12:45 – 1:30 am Virtual examination of Black Run watershed (*Carleton Montgomery & John Volpa*)
- 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 meet at Cherokee High School at 8:45 am (North Entrance parking lot)**
- 9:00 – 10:45 am 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.
- 10:45 – 12:30 am Ecological surveys at “Upper Pond”
- Aquatic survey of pH and fish species (*Carleton Montgomery & Mike Hunninghake*)
 - Flora survey (*Russell Juelg*).
- 12:30 – 1:15 pm *Lunch at Evans Mill Pond*

- 1:00 – 2:00 pm Ecological surveys at Evans Mill Pond
- Aquatic survey of pH and fish species (*Carleton Montgomery & Mike Hunninghake*)
 - Flora survey (*Russell Juelg*).
- 2:15 – 4:00 pm Activities at “Lower Bog”
- Wildlife habitats (*Russell Juelg*)
 - Geocaching (*REI*)
- 4:00 – 4:30 pm Return to Cherokee HS to discuss findings, questions and responses to field trip.

Wednesday: Teachers and students meet at Cherokee High School at 8:45 am

- 9:00 – 9:30 am Introduction to the program for students.
- 9:30 – 10:30 am View *The Pine Barrens: Up Close and Natural* film.
- 10:30 – 4:00 pm Take van to Adams Canoe Rental for guided canoe trip on the Batsto River (*Russell Juelg*).
- 4:30 pm Return to Cherokee HS.

Thursday: Teachers and students meet at Cherokee High School at 8:45 am

- 9:00 – 10:15 am Presentation on Pinelands conservation efforts and programs (*Carleton Montgomery*).
- 10:15 – 12:00 pm Travel to Black Run Preserve and hike the “West Trail” (*John Volpa*).
- 12:00 – 12:45 pm *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 and students meet at PPA 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 Lunch and Graduation.
- 2:00 – 3:00 pm Tour of Bishop Farmstead, Pinelands Visitor Center, barn and grounds.

This program has been funded through the generosity of REI

