



OUTDOOR CLASSROOM CASE STUDY # 23

Southern Regional Middle School
105 Cedar Bridge Road
Manahawkin, NJ 08050
609-597-9481

Landscape Design—Donated by Living Landscapes of Barnegat

Irrigation System—Cost matched by the Board of Education

Plants—Purchased with Grant funds

Specific Lessons Centered Around the Pinelands Garden:

1. Adaptations
2. Food Chains & Food Webs
3. Water Cycle

The \$ Thing

The Total Project cost was \$1200, with \$500 being awarded from OCSCD. This project was initiated in 1998 by teacher Caroline Murphy

PINELANDS GARDEN

Native plants are well adapted to:

- Local soil conditions—sandy and well-drained
- Climate & rainfall
- And require less water, fertilizer & pesticides

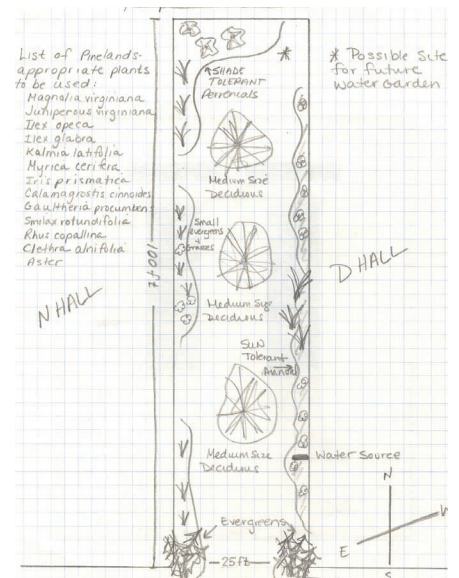
Newsletter Spotlight

The Southern Regional Middle School staff works in cross-discipline teams so that the math, science, social studies, language arts, and physical education instructors can teach a cross-curricular unit. This team chose Pinelands as their theme and topic. This lent itself very well to the creation of a Pinelands native plant habitat.



Participants Key to Integration and Sharing the Load! It takes a Village.....

1. Ms. Sara Cannella & Mrs. Caroline Murphy, Ecology Club Advisors—guided students in the ecology club through choosing, planting & maintaining gardens.
2. Mrs. Louise Kmosko, Parent—helped in preparing and maintaining garden
3. Ms. Enda-Mai Holland, Librarian— has donated many wildflower seeds & helped dedicate a portion of the garden to wildflowers.
4. Mrs. Barbetta Lovas, Math Club Advisor- The math club students made a grid on the site and made diagrams for planning.
5. Mrs. Martha Higgins & Mr. Joseph Mehok, Science Department— taught students how to identify plants, advised which were native, and helped with the brochure.
6. Mr. Art Wolinski, Computer Technology Department—worked with students on web site design and application.
7. Mr. Fred Ceruti, Modern Media Department—worked with students on SNN (Southern News Network) program
8. Mrs. Beth M. Klemens, Middle School Academics Supervisor—Liaison between teacher and administration.



Plans can start as simple sketches and ideas. If students are allowed input, they'll have better buy-in and ownership of the entire project.