

Polytech High School

Career and Technical Education

2008 - 2009

Natural Resource and Environmental Science

Mission:

To Promote - Premiere Leadership, Personal Growth, and Career Success!

Motto:

- Learning to do
- Doing to learn
- Earning to live
- Living to serve

Propagating Wetland Plants for the Silver Lake Riparian Project

Provide reinforcement of State
Educational Standards through -

Classroom Curriculum

- Forestry
- Ecology
- Environmental Construction & Design
- Entomology
- Floriculture/Greenhouse Management
- Fish & Wildlife Management
- Soils/Land use
- Aquaculture & Water Resources

Propagating Wetland Plants for the Silver Lake Riparian Project

Provide integration with Student
Organizational Activities Such as the -



FFFA

- Chapter meetings
- Educational Field Trips
- Career Development Events (C.D.E)
- Chapter Scrapbook, Webpage, Newsletter
- State and National Conventions
- Fundraisers
- Teamwork
- Awards and Scholarships
- Travel, Friends, Fun
- State Fair
- Chapter Officer Leadership Training (C.O.L.T)
- Community Service Projects
- Partnerships with Community Members,
- Organizations and Businesses

Propagating Wetland Plants for the Silver Lake Riparian Project

Provides Students Opportunities to
Conduct Research Projects Such as -

TE'S/SAE

- **TE-** Technical Exhibition is Polytech's high school graduation requirement
- Students conduct research in a career related area through writing a formal APA research paper, developing a tangible product related to their Career Technical Educational area, and presenting a formal oral presentation of the project, bringing together the research paper and product.
- **SAE-** Supervised Agricultural Experience
- Provides students with an advantage in the job market
- Attaining scholarships and college enrollments
- Starting their own business
- Developing a plan for success in life with a hands-on project that applies concepts and principles learned in the agriscience education classroom

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Provides Students Opportunities for Job Related
Experience, Networking w/professionals and
Community Members through -

Community Service

- Certified Citizen Naturalist activities (CCN)
- DuPont Nature Center educational activities
- Delaware Fish & Wildlife
- Delaware Hospice “Festival of Trees”
- DNREC storm water management of St. Jones
- DNREC wetland planting projects
- FFA Barnyard “Petting Zoo”
- State Grange at the Fair
- Autumn-at-Abbott’s
- Adopt-A-Highway “Peach Tree Run”
- Whatcoat Methodist Church “Advent Wreath”
- DSU’s freshwater prawn and tilapia harvest
- Acorn Collection Day
- Beach Grass Replenishment
- Horseshoe Crab Survey

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Provides Students Opportunities to Reinforce their skills and knowledge by competing in state and national events such as -

Career Development Events

- **Envirothon/Environmental & Natural Resources** (wildlife, aquatic ecology, soils/land use, forestry, global issue) - combines in-class curriculum, hands-on training, and is guaranteed to enhance student's knowledge and application of environmental science. It offers opportunities for receiving college scholar ships and cash awards for top winners.
- **Nursery and Landscape**
- **Floriculture** (flowers, floral arrangements)
- **Agriscience Fair**
- **Ag Sales**
- **Creed Speaking**
- **Forestry**
- **Job Interview**
- **Prepared Public Speaking**
- **And many others to choose from**

Propagating Wetland Plants for the Silver Lake Riparian Project

Provides Students Opportunities for
hands on projects and to conduct
research projects such as -











Propagating Wetland Plants for the Silver Lake Riparian Project

Provides Students Opportunities for
Job/Career Opportunities



Working for a Local Garden Center





Thank you for allowing my
students the opportunity to work
with you

Susan Wujtewicz, NBCT
Environmental Teacher,
Envirothon, and FFA Advisor