

Mid-Atlantic Environmental Education Workshop
National Conservation Training Center, Shepherdstown, WV
November 2012

Mid-Atlantic Environmental Literacy Strategy

Maryland Update

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The Mid-Atlantic Strategy

*calls upon
federal, state, and nongovernmental partners
to advance shared priorities
in four key areas—
students, educators, schools, and the
environmental education community.*

*Together, these partners have the
vision, expertise, and resources to create and
support schools that foster citizen stewardship
and graduate environmentally literate students.*

Environmental Literacy Summit August 2012



People and Place

Teams

- Planning Team
 - MSDE staff, DNR, NCLI, Chesapeake Bay Trust
- Educator Participant Teams
 - All 24 Maryland school systems represented
 - Elementary, middle, and high school teachers
 - Science and social studies supervisors



Rocky Gap Resort

Structure

- Concurrent sessions focusing on four strands
 - Partnerships, E-lit Curriculum, School-centered Programs, STEM and E-Lit
- Four days
- Residential at Rocky Gap Resort
- Funding through Math-Science Partnership Grant
- Keynote: Judy Braus, Executive Director, NAAEE



Sessions

Presentations



Partners

- EE Providers
 - On site session presenters
 - On location sessions at Rocky Gap State Park, C&O Canal National Historical Park, Evergreen Heritage Center, New Germany State Park
- Higher Education
 - Science: SERC, UMCES
 - Social studies: UMBC, MD Geographic Alliance

Expectations



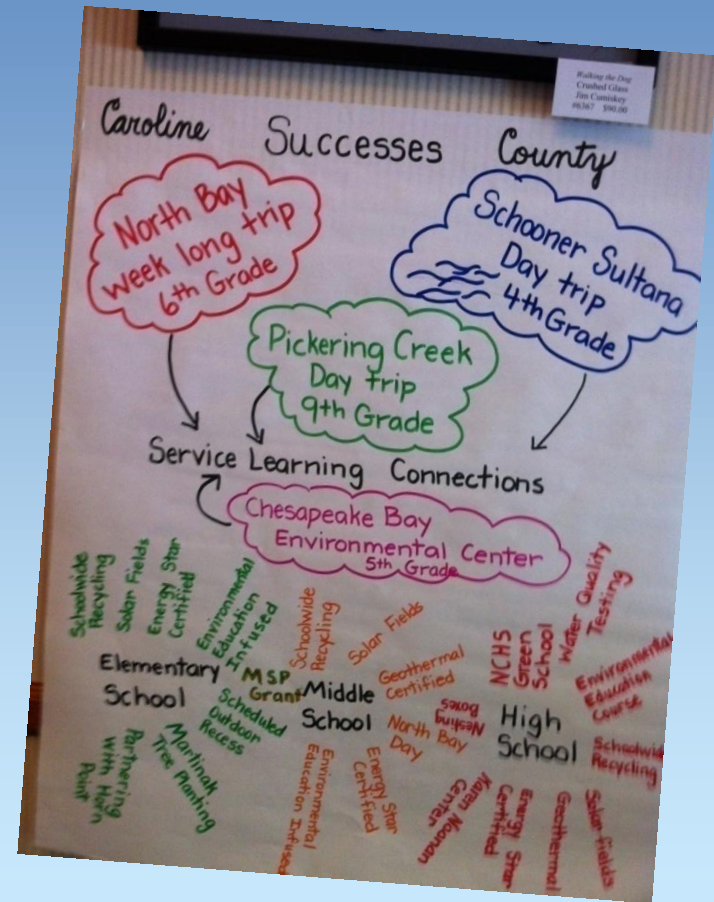
- ✓ Participate in professional development sessions each day
- ✓ As a team, collectively attend all sessions

✓ Debrief after sessions to share information



Outcomes

- Develop school system environmental literacy plan that meets State requirements
- Share ELP with other school systems
- Complete self-evaluation of ELP online and submit
- Participate in focus groups with grant evaluator
- Attend Follow-up Sessions during 2012-2013



Regional Follow-up Sessions

- E-Lit Liaisons
 - Pairs of formal and informal educators
 - Represent seven geographic regions across Maryland
 - Plan and facilitate sessions
- Outcomes
 - Devise e-lit implementation strategies
 - Improve educator content knowledge through continued collaboration with higher education
 - Incorporate EE providers, activities, and strategies in ELPs
 - Refine and submit school system ELPs



Robinson Nature Center
Howard County

E-lit Follow-up sessions

Region	Liaisons	Site(s)	Fall Date (Spring TBD)
Western (Washington, Allegany, Garrett)	Carol Garner (ACPS) Cat Stylinski (UMCES)	Appalachian Lab	November 13, 2012
West Central (Frederick, Montgomery, Howard, Carroll)	Laurie Jenkins (MCPS) Stephanie Oberle (MNCPP)	Robinson Nature Center	October 25, 2012
Central (Prince George's, Anne Arundel)	Deb Albert (AACPS) Tom Ackerman (CBF)	CBF	November 5, 2012
Northeast (Baltimore City, Baltimore Co., Harford)	Pat Ghingher (BCPS) Mary Hardcastle (PPF)	MD Ag Center	November 30, 2012
Upper E. Shore (Cecil, Talbot, Caroline, Queen Anne's, Kent)	LeeAnn Hutchison (MSDE) Mark Scallion (PC)	Env Sci Training Center @ Oxford Lab	October 25, 2012
Lower E. Shore (Dorchester, Wicomico, Worcester, Somerset)	LeeAnn Hutchison (MSDE) Carrie Samis (MD Coastal Bays)	Ward Museum	October 30, 2012
Southern (Charles, Calvert, St. Mary's)	Donna Miller (CCPS) Andy Brown (Battle Creek Cyprus Swamp)	Cyprus Swamp	November 8, 2012

Challenges

related to getting children outside frequently enough

- Lack of funding for transportation to EE sites
- Teacher inability to utilize the outdoors in instruction
- Lack of flexible time within the school day for outdoor instruction
- Cumbersome paper work for travel and field trip approval in schools and school systems
- Risk management barriers

EE Provider Workshops

- Three regional workshops : Eastern Shore, Central, Western Maryland
- Collaborative facilitation: MAEOE, MSDE, NOAA, MD NCLI
- Agenda
 - Environmental literacy standards review
 - Discuss integration of NGSS and CC for Math and ELA
 - Lesson review
 - Issues investigation strategies focusing on MWEEs
 - Work session to align lessons with e-lit standards
 - Address challenges
 - Align provider resources with LEA needs

Initiatives

- Engaging Higher Education faculty in devising strategies to include environmental literacy in pre- and in-service activities
- Collectively exploring strategies to increase the number of teachers and students using the outdoors as an instructional setting

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