

Online MWEE Program

Coming Fall 2018

Program Goal

To improve the ability of formal and non-formal educators and their leadership to design and implement effective **MWEEs** that support student achievement, student engagement, development of 21st century skills and environmental stewardship as well as civic responsibility.

Program Structure

Module 1

MWEE
101

Module 2

State
Specific

Module 3

Systemic
Implementation

Module 1

Objectives:

1. Participants will identify evidence that MWEEs are an approach to learning that supports student achievement, increases student engagement and enthusiasm for learning, advances 21st century skills, and promotes environmental stewardship and civic responsibility.
2. Participants will demonstrate an understanding of the MWEE Essential Elements and Supporting Practices by defining MWEE terminology and identifying elements of a MWEE.

Completed ELMs / Using Tools

ENVIRONMENTAL LITERACY MODEL ELM

		Curriculum Anchor	Issue Investigation	Stewardship and Civic Action
MWEE Essential Elements	Issue Definition	✓		
	Outdoor Field Experiences		✓	
	Synthesis and Conclusions		✓	✓
	Action Projects			✓
MWEE Supporting Practices	Active Teacher Support	✓	✓	✓
	Classroom Integration	✓		
	Local Context	✓		
	Sustained Activity	✓	✓	✓



Case Study Videos

What is a MWEE? Why MWEEs?

Module 2

Objectives:

1. Participants will identify how the MWEE supports implementation of curricular standards and state requirements.
2. Participants will recall local environmental issues that can be applied to their context.
3. Participants will demonstrate ways to navigate local logistics including identifying potential partners and funding opportunities.

In Progress:

- Pennsylvania
 - Lead: Amy Green
- Maryland
 - Lead: Donna Balado

Coming Soon:

- Virginia
 - Lead: Elise Trelegan (+ local leader needed)



Do you want to get involved?

elise.trelegan@noaa.gov

State Progress

Module 3

Objectives:

1. Participants will identify how the MWEE can be embedded systemically, across an entire grade, to support the Bay Program's Environmental Literacy goal.
2. Participants will demonstrate ways to navigate district-level logistics including scaffolding MWEEs into environmental literacy plans.

PURPOSEFUL PLANNING OF MWEES

A SYSTEMS APPROACH TO A FULLY INTEGRATED MATRIX DEVELOPMENT FOR LEAS

(QACPS CASE STUDY)



Jemima Clark, STEM Program Manager
Center for Environment & Society at Washington College

Systemic Implementation

Questions for the workgroup:

Was there anything that you didn't see addressed that you think should be?

What is the best method for rolling out this course?