

MWEE Ambassador Workshop Sample Facilitator Agenda

Duration: Two-Day Workshop, 6 hrs each day (12 hrs total)

Day 1 Agenda

Section		Description/objectives
While arriving...	Sign-in sheet Name tags + sharpies Act 48 sign-in Handouts	<ul style="list-style-type: none"> Participants grab refreshments & check-in If certified teachers, sign Act 48 form Make their own nametag (name, title, & worksite) (have a sample displayed) Grab post-it tag, write their name on it, & place it on the PA Water Basin map Handouts for participants at start of day: MWEE Guides, NOAA B-WET grants flyer
Introduction - Introduction of facilitators, facilitators' organizations <ul style="list-style-type: none"> Workshop Goals Overview of schedule MWEE Video Vision <p><i>Why are we engaged in professional learning around the MWEE?</i></p>	9:00-9:30 (30 min)	<ol style="list-style-type: none"> Welcome to workshop site Goals for workshop: Participants become trained as certified MWEE Ambassadors <u>Objectives:</u> Participants will... <ol style="list-style-type: none"> Gain understanding and comfort with MWEE as a framework for watershed education Increase the intent of non-formal educators to partner with and support K-12 watershed education Create connections across the state for watershed education resources and partners Overview of agenda MWEE Promo Video Meaningful Watershed Educational Experiences: OK, So what is the MWEE? Vision for MWEE Ambassadors...What may a MWEE Ambassador look like at your organization? Provide examples. <p>As you could see from the video, a MWEE is a framework. It is not a lesson plan or a curriculum. You can use a curriculum as part of a MWEE, but it is only a piece. A MWEE ties back to water and watersheds, but the lesson does not have to primarily be on water because everything ties back to water. As a MWEE Ambassador, you do not have to facilitate the entire MWEE. You are the MWEE Promoter, the MWEE Supporter, and the MWEE Champion!</p> <p>Facilitator(s):</p>
Setting the Context/Icebreaker Watershed Protection, Restoration, & Education in Pennsylvania	9:30-10:00 30 min <u>Materials needed:</u> Laminated PA Basins Map + maps to distribute,	<p><i>How and Where are we working to support Watershed Protection, Restoration, & Education in Pennsylvania?</i></p> <ul style="list-style-type: none"> Major PA Watersheds Activity (Icebreaker) <ul style="list-style-type: none"> Mapping activity - Review Facilitator locations on PA Basin Map. Then, have each person introduce themselves. PA State Parks version of PA Basin Maps, acknowledge that there are different

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	post-it tags, pens, easel to hold map	versions of basins, watersheds, subwatersheds... Facilitator:
Setting the Context Pennsylvania Waterways	10:00-10:15 15 min	Overview/State of the Waterways in PA What's affecting the water in PA Local contact can share information about local watershed issues. Facilitator:
PA Watershed Education Capacity Building Efforts	10:15-10:30 15 minutes	<i>What are some current efforts to advance MWEEs in Pennsylvania?</i> Introduce the PA Environmental Literacy and MWEE Capacity Building projects (NOAA B-WET Capacity Building Grants) , PA Pathways to Green Schools and other initiatives that impact PA that focus on MWEE design and implementation: <ul style="list-style-type: none"> • Chesapeake Bay Watershed Agreement • PA Watershed Education Capacity Building Grant • Delaware River Watershed Initiative (• Great Lakes B-WET & PA Sea Grant office for Lake Erie contacts • S3 BWET Facilitator(s): Lead:
The MWEE as one of many proposed strategies for supporting watershed protection, restoration, & education in Pennsylvania and beyond	10:30-10:45 15 min	<i>Where do MWEEs come from? How and by whom is the MWEE a "requirement?" What is meant by "requirement" in the context of a MWEE? How are we tracking our progress toward meeting MWEE goals?</i> <u>Message we want to communicate:</u> <ul style="list-style-type: none"> • Chesapeake Bay Watershed Agreement is an example of a productive partnership between multiple stakeholders designed to guide and monitor the restoration of a major waterway and the origin of the MWEE requirement. • The idea is to give nonformals a sense of some of the environmental education requirements that classroom teachers and school districts must meet--thus demonstrating the opportunity for the work that they do, outdoor/field-based environmental education, to have that role in meeting formal academic requirements. • While it has been easier in past decades to relegate outdoor EE to field trips, clubs, AP classes, etc, the MWEE is part of a legislatively-sanctioned effort to

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		<p>move it into formal curriculum <i>as part of the school day</i></p> <ul style="list-style-type: none"> *This is a key connector piece--the MWEE is what links the watershed education the audience is already doing that is designed to address the environmental issues affecting PA water to the formal school day. <p>Facilitator(s): Lead</p>
Networking Break	10:45-10:55	
4 Essential Elements of MWEEs 4 Facilitators:	10:55-11:40 45 min	<p>What are the essential elements of the MWEE and how do they 'work' individually and collectively to support environmental literacy, student achievement, and stewardship?</p> <p>Introduce NOAA MWEE online course modules - general and state specific, can be accessed by participants in future for resources and reference. Also introduce <u>Bay Backpack</u> as a site for additional resources about MWEEs. https://cbexapp.noaa.gov/course/view.php?id=5555 http://baybackpack.com/</p> <p>Interactive session designed to develop deep understandings of the 4 elements of the MWEE and how each functions individually and collectively to advance student achievement and stewardship.</p> <ol style="list-style-type: none"> 4 element groups (duplicate groups as needed) - why is each of the MWEE elements essential. Each group writes their ideas on big papers at tables Groups share their understanding of the element they studied, the importance of it, & what they are already doing that fits into this element of a MWEE. <p>Facilitator: Leader sets up the activity but each facilitator joins a group and helps support the whole-group interactive share-out</p>
Making Sense of the MWEE Framework	11:40-12:05 25 minutes SET up the post lunch activity now	<p>How do MWEEs align with and support learning and other goals of formal schooling?</p> <ul style="list-style-type: none"> Intro to the video with a message about <i>Research-based pedagogy- project-based learning, situated learning.</i> <p>MWEE Video: Lewisdale ES https://youtu.be/-Rc9w0iXWT0</p> <p>As you watch: what are the elements of the MWEE that you notice? How are they working together to provide a 'holistic'</p>

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		<p>learning experience featuring different contexts for learning (classroom, outdoors, lab, etc.)? <i>Each of the facilitators should join a group to facilitate discussion</i></p> <p>Facilitator:</p>
Lunch	<p>12:05-12:35</p> <p>30 min</p>	Lunch
<p>Connecting Watershed Education to PA Academic Standards</p> <p>& Role of EE Providers in working with schools</p>	<p>12:35-1:35</p> <p>30 minutes + added Role of EE providers</p>	<p>PA Watershed Education Connections to Academic Standards</p> <p><i>What are our current thoughts, understandings, and questions about outdoor learning, student action, and their role in formal academic programs?</i></p> <ul style="list-style-type: none"> • Role(s) of EE providers in working with a school implementing a MWEE? • interactive session to engage existing understanding about any or all of the following questions: <ul style="list-style-type: none"> o watershed education o the role of field-based learning in 'formal' academic/classroom learning o and how action projects can be used in applications of field-based learning <p>Note that the purpose here is NOT to answer the questions, but rather to further engage participants, to get a sense of where they are coming from, and to engage the participants in thinking about points of confusion that they AND OTHERS may face</p> <p>Recommend that each of the facilitators join a group to facilitate discussion</p> <p>Facilitator(s): Leader sets it up but each facilitator joins a group and helps support the whole-group interactive share-out</p>

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<p>EE providers working with classroom teachers</p>	<p>1:35 - 2:00 25 min Video & Activity</p>	<p>How can non-formal educators and organizations best work with classroom teachers?</p> <p><u>Post it notes prompt:</u> 1. While watching the video, write how your organization could assist or partner with a teacher? 2. Place your post-it on the corresponding parking lot MWEE element.</p> <p>Activity with Conestoga Case Study Video: https://youtu.be/YudeT28TXyU</p> <ul style="list-style-type: none"> • Working with classroom teachers: What are the issues classroom teachers face? How can non-formal educators establish relationships with classroom teachers for MWEEs? How can non-formal educators help teachers expand watershed education such as a one-day stream study into a MWEE? • Extend conversation about 3 elements other than Outdoor Field Experience that most EE providers would provide to schools. How can EE providers help schools with the other 3 elements? Issue Definition, Synthesis and Conclusions, and Action Projects. <p>Facilitator(s):</p>
<p>Application</p>	<p>2:00-2:45 30 min Handouts: MWEE Think Clouds, MWEE Checklist</p>	<p><i>Putting the MWEE to work for <u>us</u>: How can MWEEs help support the work that I do?</i></p> <p>MWEE think cloud pages in back of MWEE Guide, pg. 17</p> <p>An interactive session in which participants apply a “MWEE lens” to the educational programs that they provide</p> <ul style="list-style-type: none"> • Work through MWEE guide exercises at the back of the book (use Think cloud) <p>This could be done individually, in small groups, etc. Groups can go outside, stay inside, etc.</p> <p>Review MWEE checklist</p> <p>Action plans Participants write action plans about how they could partner and implement the MWEE model with a school in their local area (work individually or in groups)</p> <p>Individual and/or collective ‘ambassador’ action plans</p>

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		How will you move forward as a MWEE Ambassador at your organization and in your region of the state? Facilitator(s):
Conclusion & Wrap Up	2:45-3:00 MWEE Certificates	*Distribute MWEE Ambassador Certificates to participants *Resources and workshop survey will be sent electronically post-workshop via Survey Monkey Facilitator(s):