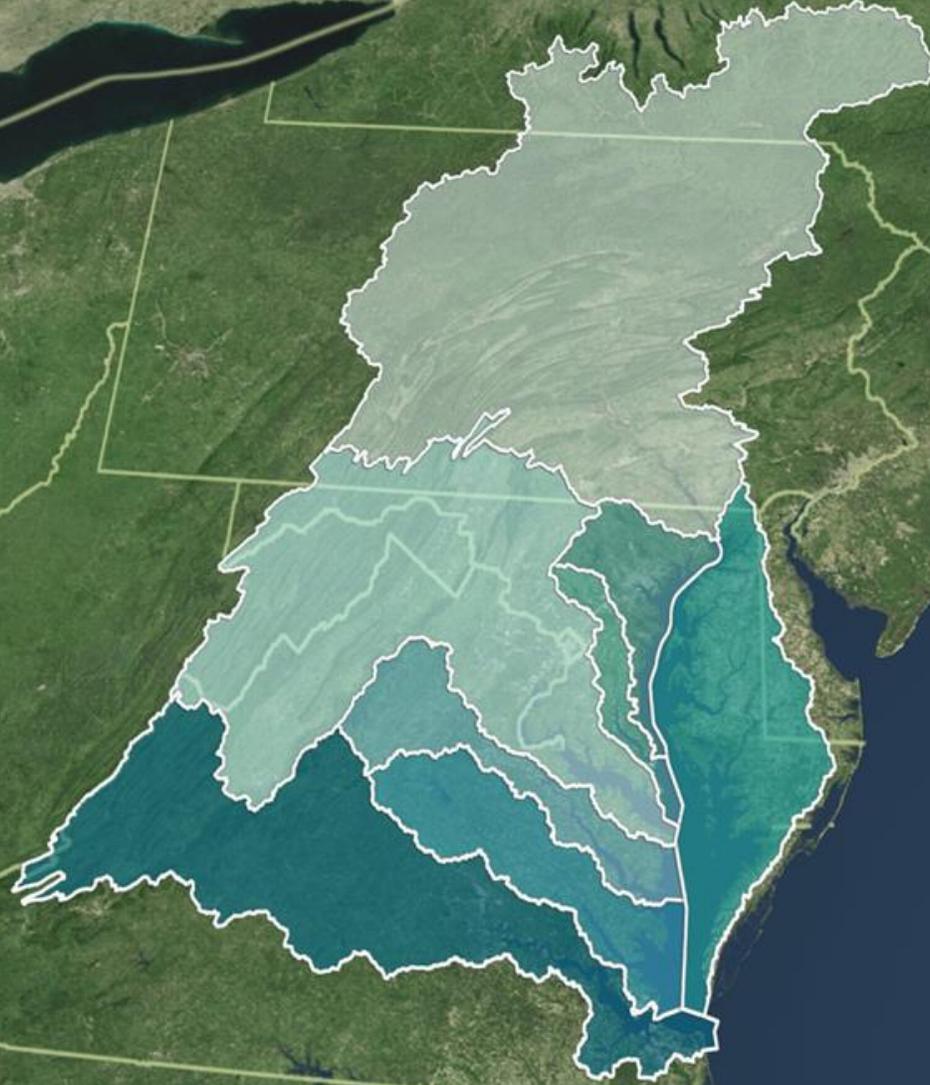


STUDENTS FOR STREAMS



Since 1983, stakeholders have partnered under the Chesapeake Bay Program to develop written agreements to guide the restoration of the nation's largest estuary and its watershed.

Setting goals and tracking progress holds partners accountable for their work, while developing new agreements over time ensures our goals are aligned with the best available science to attain restoration success.





Chesapeake Bay Watershed Agreement: Environmental Literacy Goal

1. Student

Continually increase students' age-appropriate understanding of the watershed through participation in teacher-supported, meaningful watershed educational experiences and rigorous, inquiry-based instruction, with a target of at least one meaningful watershed educational experience in elementary, middle and high school depending on available resources.

2. Sustainable Schools

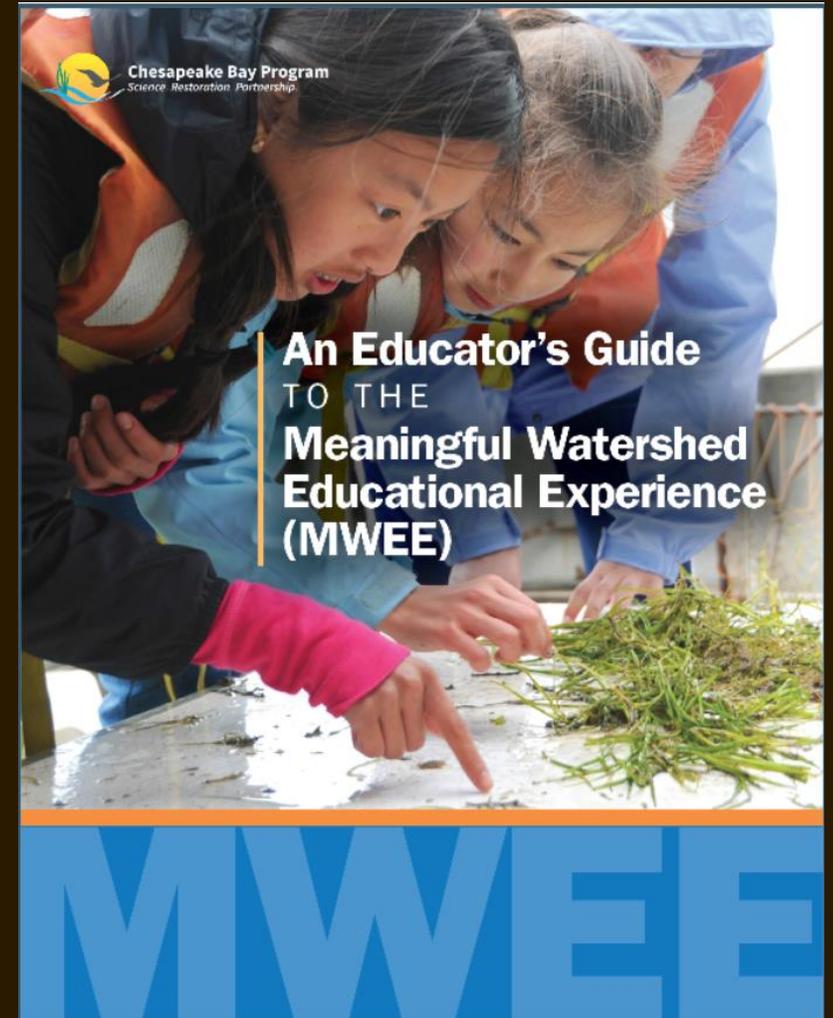
Continually increase the number of schools in the region that reduce the impact of their buildings and grounds on their local watershed, environment and human health through best practices, including student-led protection and restoration projects.

3. Environmental Literacy Planning

Each participating Bay jurisdiction should develop a comprehensive and systemic approach to environmental literacy for all students in the region that includes policies, practices and voluntary metrics that support the environmental literacy Goals and Outcomes of this Agreement.

Meaningful Watershed Education **EXPERIENCES** = Educational **Approach** that Addresses the Environmental Literacy Goal

- MWEEs seek to seamlessly connect standards-based classroom learning with outdoor field investigations to create deeper understanding
- Student exploration of local environmental issues through sustained, teacher-supported programming inside and outside of the classroom
- Built on the best practices for environmental education



Essential Elements of a MWEE

Students should be involved in:



MWEE SUPPORTING PRACTICES

Teacher Focused

- Active Teacher Support
 - Facilitate student learning and ensure Essential Elements support academic goals
- Classroom Integration
 - MWEEs anchored in curriculum standards
- Local Context
 - Life-relevant learning
- Sustained Activity
 - MWEEs are part of a unit of study (more than a field trip)



SHORERIVERS MWEE PROGRAMS

Students for Streams

- *Implemented:* Every public high school in Queen Anne's, Dorchester, and Talbot County (9th grade)
- *Issue Investigated:* Water quality
- *Lessons include:* Water quality, Bay history, schoolyard assessment, oyster dissection, and action project
- *Outdoor experiences:* Water quality collection & Horn Point field trip
 - Oyster hatchery & canoeing

Students for Streams: Sturgeon Discovery

- *Implemented:* Every public elementary school in Talbot County (3rd grade)
- *Issue Investigated:* Water quality conditions, specifically focused on the needs of the endangered Atlantic sturgeon
- *Lessons include:* TBD
- *Outdoor experiences:* Horn Point Field trip
 - Sturgeon lab & canoeing



TESTIMONIALS

"This program gave me the tools and the opportunity to have the students apply all of the concepts we were learning about in class to their REAL world applications."

"They got to see that even as high school students they could make a positive change."

"You made me realize how simple things really can make a difference why that's important."

"I never thought I'd become so engaged in marine life."

"You taught me so many things that I will really keep with me."

"I thought for sure we were all gonna die the minute my canoe hit the water, but you all proved me wrong!"

"My favorite part was dissecting an oyster, even though I ripped its heart out."