

Maryland School Grounds for Learning: Environmental Literacy 101



MAEOE

Maryland Association for Environmental
& Outdoor Education

Environmental Literacy 101

- Objectives of the power point
- How environmental education became environmental literacy



Environmental Literacy:

Regional Perspectives

The Chesapeake Bay



Environmental Literacy:

Regional Perspectives

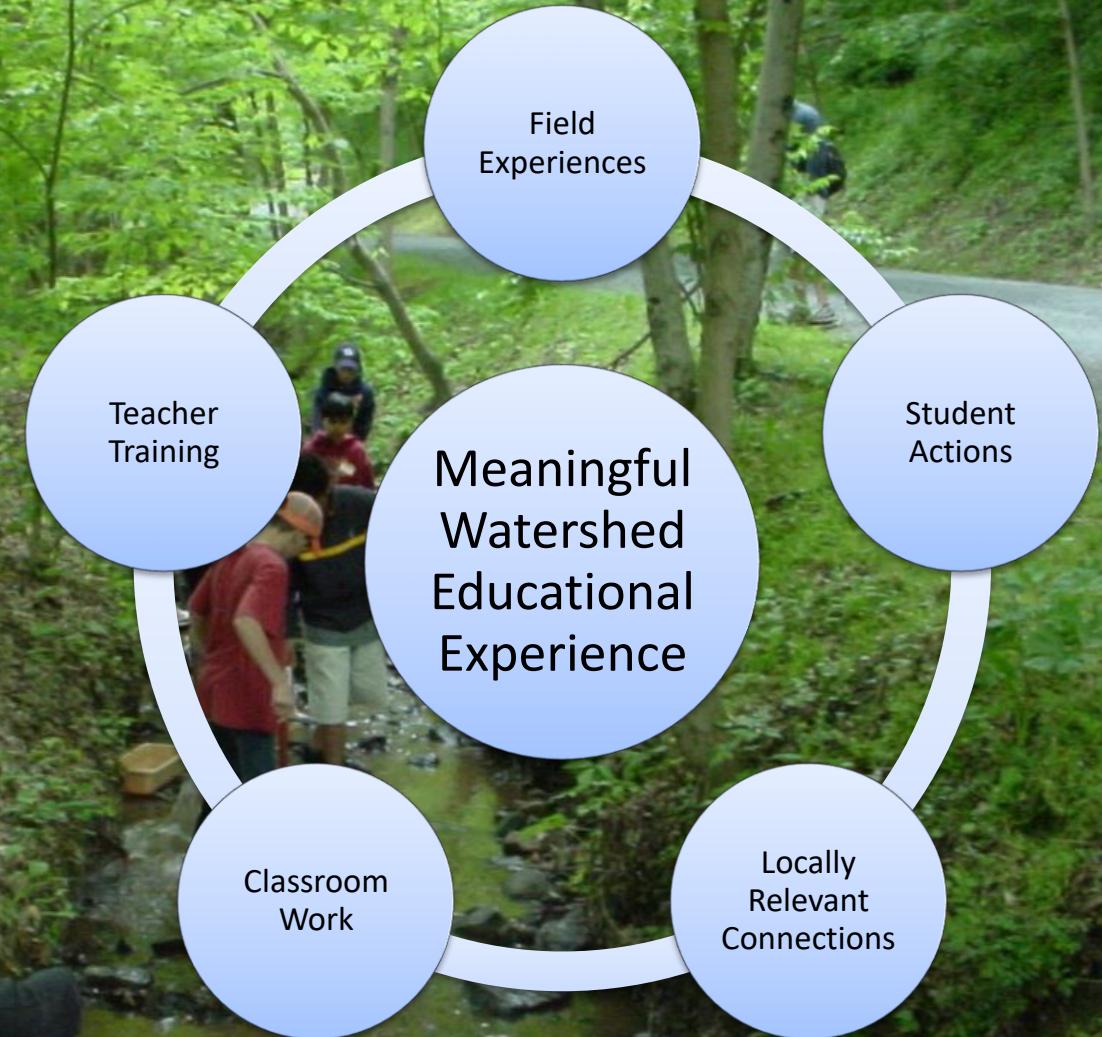
Meaningful Watershed

Educational Experience





Environmental Literacy: *Meaningful Watershed Educational Experience*



Environmental Literacy: *Regional Work:* *The Chesapeake Bay*



- The 2012 Mid-Atlantic Environmental Literacy Strategy:
 - As a response to the Chesapeake Bay Executive Order



Environmental Literacy: Literacy: *Regional Work:* *The Chesapeake Bay*



- **Environmental Literacy was one of the 10 Chesapeake Bay Agreement Goals from 2014:**
 - **Enable students in the region to graduate with the knowledge and skills to act responsibly to protect and restore their local watershed**



Environmental Literacy: *National & International Trends*

- *What exactly is environmental literacy?*
- *Is it the same thing as environmental education?*



Environmental Literacy: *National & International Perspectives*



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An environmentally literate person, both individually and together with others:

- **makes informed decisions concerning the environment;**
- **is willing to act on these decisions to improve the well-being of other individuals, societies, and the global environment;**
- **participates in civic life.**

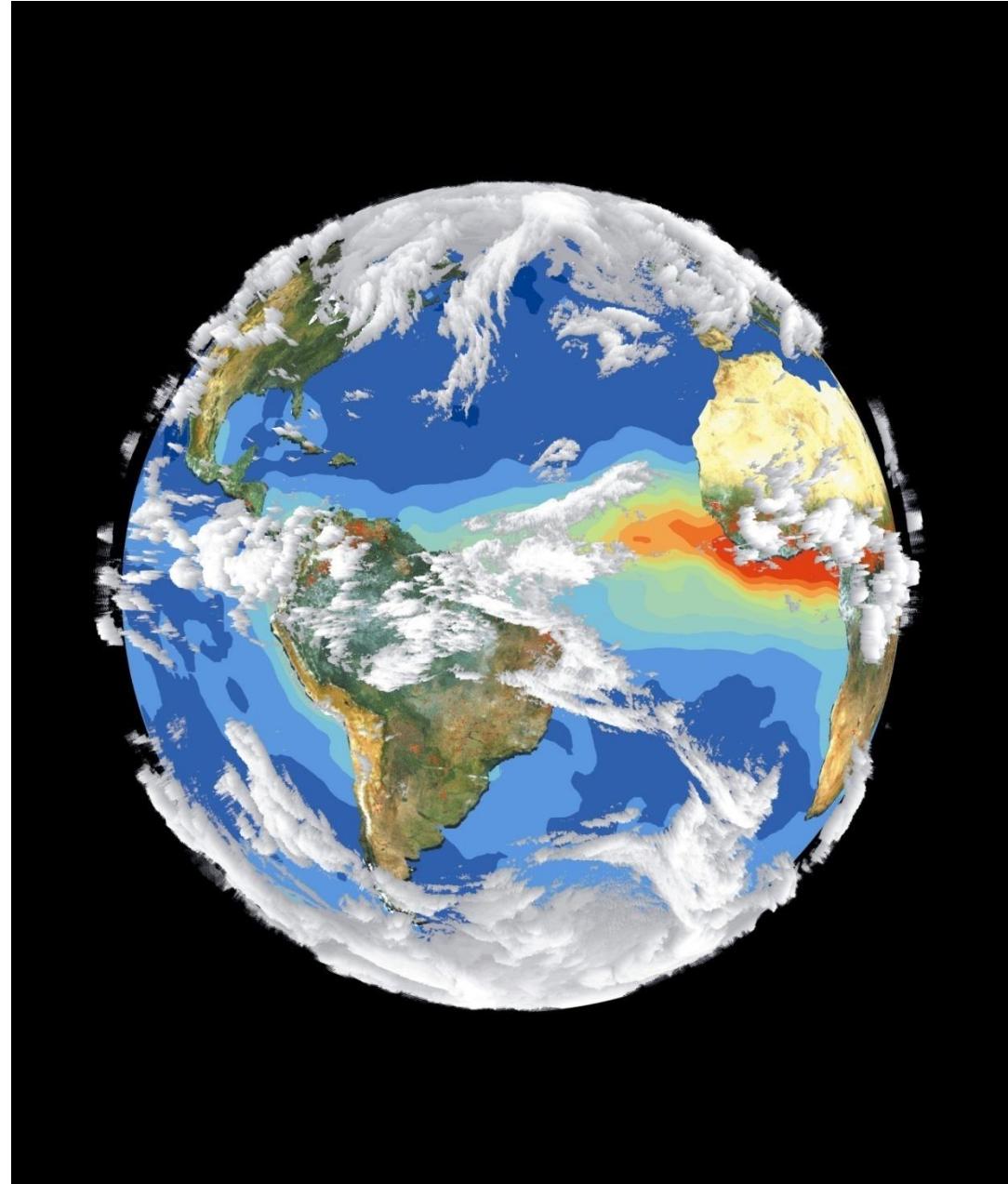
Environmental Literacy: *National & International Trends*

- *Sustainability*
- *Resiliency of
green
infrastructure*
- *Human health
and well being*

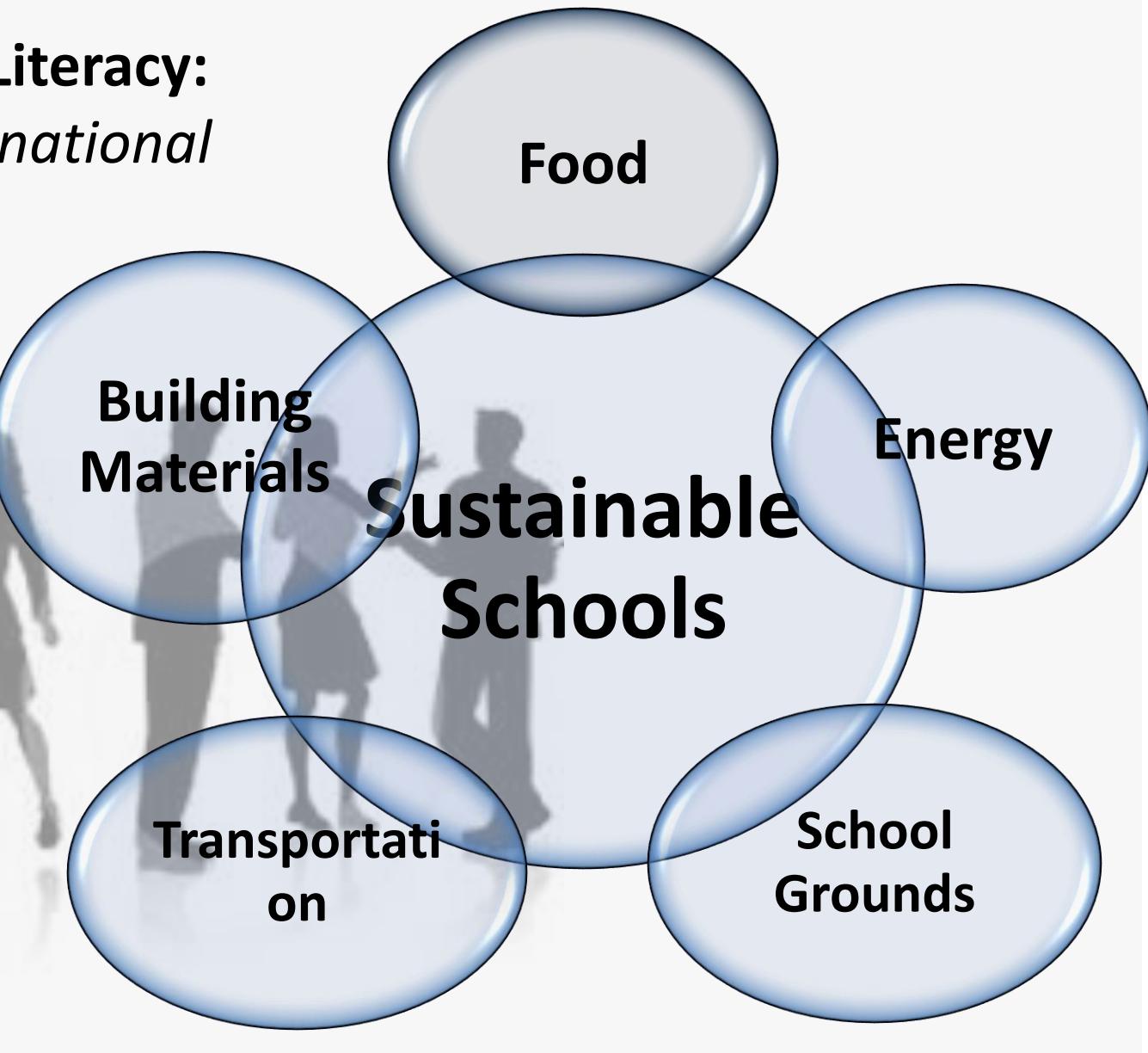


Environmental Literacy: *National & International Trends*

*Viewing
the Earth
as a System*



Environmental Literacy: *National & International Trends*



Environmental Literacy: *National & International Trends*



**NO
TREE
CLIMBING**
THANK YOU

Environmental Literacy: *Maryland*

- *Proud tradition of
Environmental
Education in
Maryland*



Environmental Literacy: *Maryland's Graduation Requirement*



- Beginning with students entering high school in 2011–2012, all students must complete a locally designed high school program of environmental literacy as set forth in COMAR 13A.04.17 that is approved by the State Superintendent of Schools.

Environmental Literacy: *Maryland Standards*



Maryland Environmental Literacy Standards

- 1. Environmental Issues**
- 2. Interaction with Earth Systems**
- 3. Flow of Matter and Energy**
- 4. Populations, Communities and Ecosystems**
- 5. Humans and Natural Resources**
- 6. Environment and Health**
- 7. Environment and Society**
- 8. Sustainability**



Environmental Literacy: *Maryland Standards*



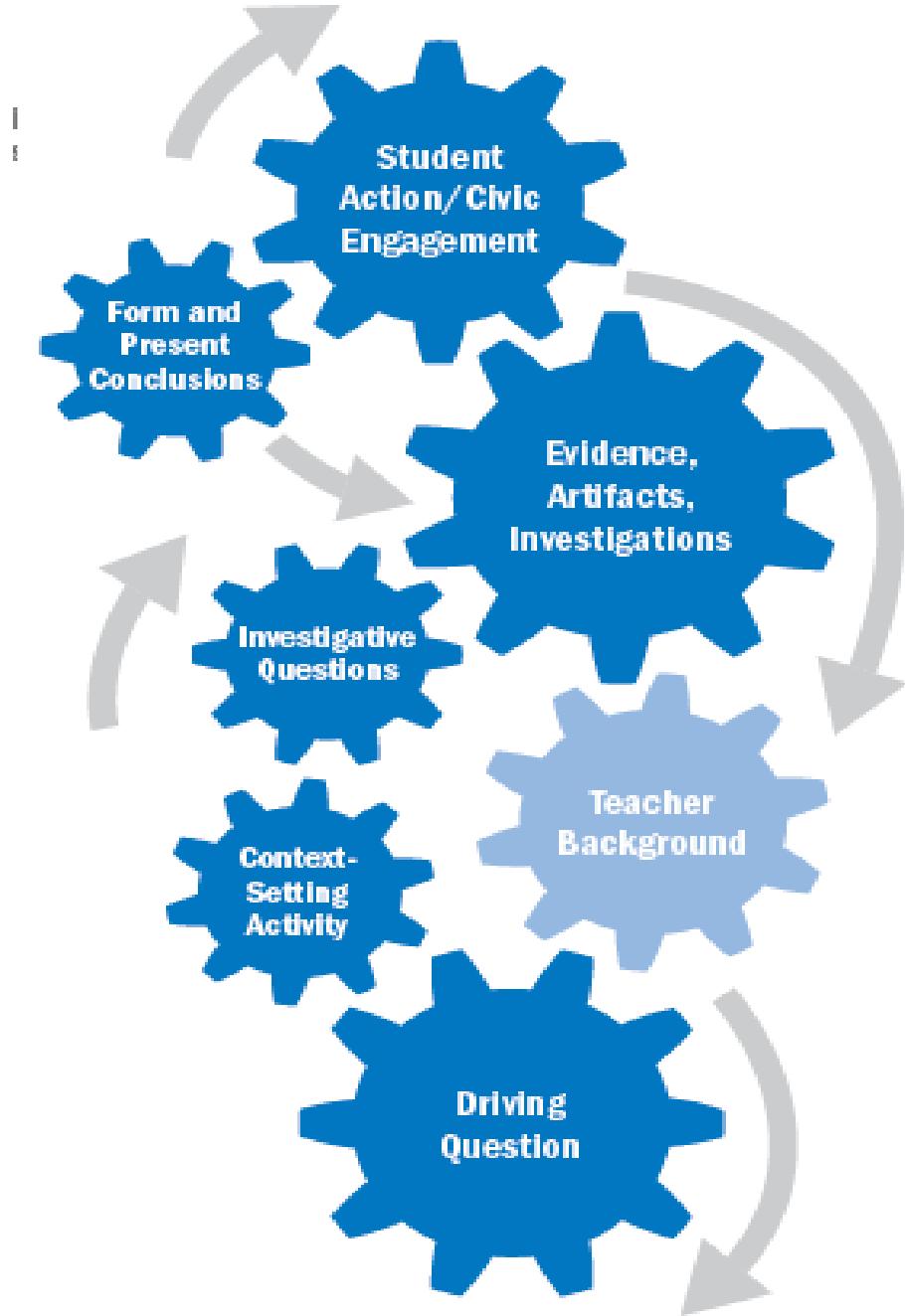
Designed to coincide and support the implementation of all existing education initiatives including:

- **Science Technology Engineering and Math (STEM)**
- **Next Generation Science Standards**
- **Geography Standards**
- **Common Core**



Environmental Literacy:

Maryland Environmental Literacy Partnership



Environmental Literacy: *You & Your Schools*



Environmental Literacy: You & Your Schools

- Explore the opportunities....

