

Wisconsin State Standards: Environmental Education

Questioning and Analysis

- Make observations, ask questions and plan an environmental investigation
- Use critical-thinking strategies to interpret and gather information and communicate their understanding to others

Environmental Processes and Systems

- Describe energy flow and how humans use energy
- Explain the importance of biodiversity and human impact
- Distinguish between renewable and non-renewable resources
- Identify types of waste and methods of waste reduction

Environmental Issue Investigation Skills

- Identify and propose solutions to environmental problems and issues

Decision and Action Skills

- Demonstrate knowledge of decision-making processes by looking at long-term and short-term solutions to problems
- Develop plan for improving or maintaining to preserve the local environment

Personal and Civic Responsibility

- Formulate a personal plan for environmental stewardship
- Understand how personal actions impact civic responsibilities toward the environment
- Take action in regard to environmental issues

Keep Greater Milwaukee Beautiful Education Matrix

	Understanding Urban Trees	Waste in Place	Every Drop Counts	Trash Art	Energy & the Environment	Green Ambassador	Treekeeper Kids	Jr. Urban Forester
K4	X			X			X	
K5	X			X			X	
1st	X	X	X	X			X	
2nd	X	X	X	X			X	
3rd	X	X	X	X		X		X
4th	X	X	X		X	X		X
5th	X	X	X		X	X		X
6th	X	X	X		X	X		X
7th		X	X		X	X		
8th		X	X		X	X		
9th		X	X		X			
10th		X	X		X			
11th		X	X		X			
12th		X	X		X			

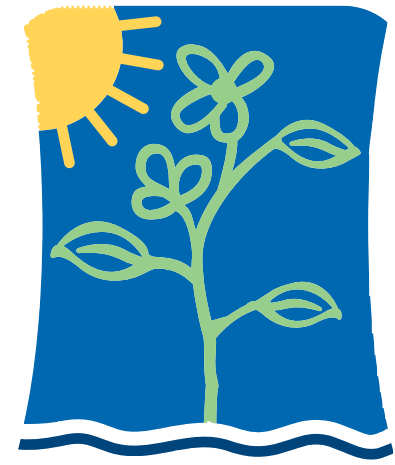
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Explore

Engage

Educate

2007/08

**Environmental
Education Programs**

**Opportunities for Schools,
Youth Centers, & Day Care Facilities**

Who We Are

For over 25 years, Keep Greater Milwaukee Beautiful, Inc. (KGMB) has promoted clean, healthy and beautiful communities through environmental education and community involvement programs.

We are now offering comprehensive environmental education opportunities for K-12 classrooms. Programs are designed to engage students by encouraging them to explore their natural world in order to better understand how our actions impact our environment.



Project Learning Green

Based on years of experience we have created a new education model that focuses on assisting educators and schools in meeting their curriculum requirements while stimulating students' critical and creative thinking skills. We accomplish our goals through school and neighborhood-based learning activities and projects that teach children to think **green!**

- **Explore** nature and observe how organisms survive and interact with each other and their environment
- **Engage** children using the scientific method
- **Educate** about the importance of preserving natural resources for future generations



Programs

Understanding Urban Trees

What are the benefits of trees? What services do they offer? Students will examine our urban forest and the important role that trees play in our air, soil, water quality and our ecosystem as a whole. They will learn the value of trees in sustaining life and become stewards of the trees in their community.

Grades: K4-6 Time: 1 hour Fee: \$2.50/student Offered: M-T-W

Waste in Place

What do you consider trash? Where does all that trash go? The issues of litter and landfills will be explored. Students will learn all about the 3R's (reduce, reuse, recycle) and how they can make a cleaner, healthier community using this simple lesson. They will learn how to properly recycle and get to see examples of how materials are transformed into new products. Students are also given a unique opportunity to tour the Materials Recovery Facility and see real recycling in action!

Grades: 1-12 Time: 1-1.5 hr Fee: \$2.50/student* Offered: T-W-Th-F
***Mini Grants are available to Milwaukee Schools**
Program Location: Keep Greater Milwaukee Beautiful Office
(groups must provide own transportation)

Every Drop Counts

Students will explore water from a single drop to a body of water. They will become aware of the different sources of water whether it be a lake or their faucet and be able to link them together. They will focus on the human impact on our water quality and supply. They will examine their own water usage and simple ways that they can conserve water. Every drop really does count!

Grades: 1-12 Time: 1 hour Fee: \$2.50/student Offered: T-W-Th

Trash Art

Students will use arts and crafts to explore the 3R's (reduce, reuse, recycle). They will be encouraged to think creatively about how to find ordinary materials that can be transformed into art. They will discover ideas of how to beautify their schools and neighborhoods as they make masterpieces out of everyday trash.

Grades: K4-3 Time: 1 hour Fee: \$2.50/student Offered: M-T-W-Th

Energy and the Environment

What is energy? Where does it come from? Students will gain an understanding of energy uses and its different sources. They will be challenged to examine how humans' energy consumption affects nature and brainstorm solutions of how we can move towards a more sustainable future.

Grades: 4-12 Time: 1 hour Fee: \$2.50/student Offered: T-W-Th

More Programs

Tree Keeper Kids

Examine trees inside and out in a fun activity filled day of learning. Students will see what its like to live as a tree and explore all of its wonders.

Grades: K4-2 Time: Varies Fee: Varies
Offered: Most School Holidays (call for more information)

Junior Urban Forester

Through this intensive 8wk program, students will explore our urban forest including everything from tree anatomy to tree care. Students will understand the important role of an urban forester and be trained to become young stewards of our trees.

Grades: 3-6
Time: 8 week commitment required (call for more information)

Service Learning Projects

KGMB will work with schools on community based beautification projects ranging from litter cleanups to tree plantings. Students will have the opportunity to be involved in an organized service that enhances their coursework and their role in the community as well as inspiring them to be stewards of the environment.

Grades: 9-12 Time: varies Fee: Call for more information



Green Ambassador

What makes a "green" school or neighborhood? Students will identify ways they can make a difference where they live and learn by selecting a beautification or improvement project in which they gain problem solving skills in an action orientated learning process. Students will understand how to address problems, develop a plan of action, and learn how to educate others on their issue. They become environmental leaders in their school and community.

Grades: 3-8 Time: varies Fee: Call for more information

Registration Information

For more information on Keep Greater Milwaukee Beautiful visit our website www.kgmb.org To register for an Environmental Education Program go to http://www.kgmb.org/school_programs.html and click on "Click Here to Register" If you do not have access to the internet or have questions, please contact Emily Brown (Education and Outreach Manager) at 414-272-5462 ext. 105

Let us enhance your students' classroom experience through exploration of science, art, and environment. All programs are aligned with Wisconsin State Standards.