



MAEOE

Maryland Association for Environmental & Outdoor Education

MAEOE Maryland Green Schools are increasing in number every year. The number of schools recertifying is also growing. With each recertification the school works towards sustainability of ideas and actions. The Green School Program is a good starting place for the Green Ribbon Schools nominations from Maryland. The Matrix below highlights this.

MAEOE Maryland Green School Program	National Green Ribbon Schools	
The Maryland Green School Program is a school-wide program. Students learn about environmental issues in all grades and are involved in actions in best management practices areas at their school or local environment.	The U.S. Department of Education's Green Ribbon Schools (ED-GRS) award is to recognize those schools taking a comprehensive approach to greening their school which incorporates and integrates environmental learning with maximizing positive environmental and health impacts.	
		✓ Check
Objective 1: Use of the environment as a context for learning. Students have opportunities at most grade levels and across disciplines to learn about, study, and address environmental issues in the classroom, on the school site, and/or in the local and regional community. MAEOE recommends student experiences that are investigative, are an integral part of the instructional program, and are part of a sustained activity.	Pillar Three: Element 3A: Interdisciplinary learning about the key relationships between dynamic environmental, energy and human systems. 3B: Use of the Environment and Sustainability to develop STEM content knowledge and thinking skills.	1
	1. Integration of environmental and sustainability throughout the curriculum, every grade level 2. Students have a meaningful outdoor experience at every grade level	2
Objective 1: Professional Development: School should demonstrate that all of the staff are aware of the school's intent to become a Maryland Green School, a majority of the school staff is actively learning about the environment and members of the school staff are involved in professional development or other training activities that enhance environmental awareness, literacy, knowledge, skills, and/or related instructional strategies.	Pillar Three: Element 3A: Interdisciplinary learning about the key relationships between dynamic environmental, energy and human systems 1. Professional development opportunities in environmental and sustainability education are available to all teachers	1
Objective 1: Celebration: The school community recognizes and celebrates student and staff achievement in the implementation of environmental best management practices, and in developing partnerships with the community. The school serves as a model for the community		
Objective 2: Best Management Practices: Best management practices are expected to have student participation. Schools choose at least four BMPS and do a minimum of two activities in each: energy, water, waste, habitat restoration, transportation, healthy school environment, structures for outdoor learning	Pillar One & Two Energy, water, grounds, waste, hazardous waste, transportation, integrated pest management, ventilation, contaminant controls, asthma control, indoor air quality, moisture control, chemical management, fitness & outdoor time, food, UV safety	
Water Conservation/Water Pollution Prevention	Pillar One: Element 1B: Improved Water Quality, Efficiency and Conservation	





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	<ol style="list-style-type: none"> 1. School decreases amount of water used inside and on the school grounds. A % reduction of water use from a 1 year baseline 2. Regular audits for leaks 3. Lead control program 4. Tap/faucet/water fountain cleaning program 5. Water efficient/regional landscaping 6. Use of non potable water for landscaping 	1 2 3 4 5 6
Energy Conservation	Pillar One: Element 1A: Zero Green House Gas Emissions <ol style="list-style-type: none"> 1. Energy Star Certification 2. Energy audit, emissions inventory& reduction plan, energy use reduction from baseline OR 3. Certified LEED/other green building standard 4. LEED EB certification 5. Green power purchase 6. On site production of renewable energy 	1 2 or 3 4 5 6
Solid Waste Reduction	Pillar One: Element 1C: Reduced Waste Production <ol style="list-style-type: none"> 1. Policy for waste reduction 2. Use of EPA Wastewise, % waste reduction from 1 yr baseline 3. Green purchasing: post consumer chlorine free paper, EPEAT computers, green cleaners 4. Reduced hazardous material 	1 2 3 4
Habitat Restoration	Pillar One: Element 1B: Improved Water Quality, Efficiency and Conservation <ol style="list-style-type: none"> 1. School Grounds devoted to ecologically or socially beneficial uses, including those that give consideration to native wildlife. 	1
Building Structures for Learning about the Environment	Pillar Three: <ol style="list-style-type: none"> 1. Outdoor classroom 	1
Responsible Transportation	Pillar One: Element 1D: Use of Alternative Transportation to, during, and from school <ol style="list-style-type: none"> 1. All students walk/bike/bus/or carpool 2. Promotion of local energy efficient options, alternative projects, policies 3. Anti-idling policy 4. % of school vehicles have emission reduction 5. Safe Routes to School designated 	1 2 3 4 5
Healthy School Environment Air Quality	Pillar One: Element 1C: Reduced Waste Production	1





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<p>Water Quality Healthy Food Outdoor time/exercise Other</p>	<p>1. Hazardous Waste: improved management</p> <p>Pillar Two: Element 2A: An Integrated School Environmental Health Program</p> <ol style="list-style-type: none"> 1. Integrated Pest Management Plan 2. Ventilation: set to stricter standard ASHRAE 62.1-2010 or local code 3. Contaminant Controls: Radon, CO, mercury, CCA (outdoor wood), tobacco smoke 4. Asthma Control: management plan 5. Indoor Air Quality: plan with IAQ Tools for Schools 6. Moisture Control: inspection 7. Chemical Management: purchasing policy, inventory 	<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p>
<p>Objective 3: Community involvement: The school/students extend their learning into the community through projects and partnerships that address local environmental issues.</p>	<p>Pillar Two: Element 2B- High Standards of Nutrition, Fitness, and Quantity of Quality Outdoor Time</p> <ol style="list-style-type: none"> 1. Fitness and Outdoor Time :150 min/wk 2. Food: environmental purchasing, local food, USDA Healthier School award 3. UV Safety – Participation in Sunwise Program 	<p>1</p> <p>2</p> <p>3</p>
<p>Objective 3: Community involvement: The school/students extend their learning into the community through projects and partnerships that address local environmental issues.</p>	<p>Pillar Three: Element 3C: Development and application of civic engagement knowledge and skills</p> <ol style="list-style-type: none"> 1. School partners with local academic, business, and informal science institutions and/or other schools to help advance the school and/or assist other schools 2. Students conduct a self selected community engagement project 	<p>1</p> <p>2</p>
	<p>Pillar Three: Learning and Environmental Literacy</p> <ol style="list-style-type: none"> 1. Graduates score proficient or better on state science assessments. 2. High % enrollment in AP Environmental Science, scores 3 or better 3. Use of investigative scientific practices 	<p>1</p> <p>2</p> <p>3</p>

