

# Biennial Strategy Review System: Logic Table and Work Plan

## Sustainable Schools Logic Table and Work Plan

**Long-term Target:** 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

**Two-year Target:** Not established

**KEY: Use the following colors to indicate whether a Metric and Expected Response have been identified.**

<b>Metric</b>	Percent (and number) of public and charter schools in the Chesapeake Bay watershed certified sustainable
<b>Expected Response</b>	No timeline for progress for this action has been specified

Factor	Current Efforts	Gap	Actions (critical in bold)	Metrics
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i> 2016-2017 Actions	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential to achieve our outcome? 2018-2019 Actions/Perf. Targets</i>	<i>Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?</i>
State Agency and Partner Coordination	EPA meets with states during the year to encourage regular coordination meetings of state agencies involved in sustainable school activities.	Recruit all appropriate state agencies to participate in convenings.  High-level support for statewide sustainable school certification programs.	1.1 , 2.1 , 2.2 , 2.3	No
Local Education Agency Support	MAEOE has held focus groups from the 3 Green Ribbon Pillars to explore how best to engage district/ division level administrators in Sustainable Schools.	Facilities plans at the district level include sustainable schools elements.  The action items from the MAEOE assessment should be shared with all other states and DC.	3.1 , 3.2	Yes
Aligning with Education Reform	CBP sending formal letter from	Encourage and promote more participation in Green Ribbon.	1.3 , 3.1	

	Management Board to US Dept of Education supporting Green Ribbon Schools Program.	Consider having a Chesapeake Bay Green Ribbon Award.		
School community (teachers, principals, staff) awareness and readiness	Promote Bay Backpack “School Projects” resources and support state-level training.	Outreach to school administrators on sustainable school benefits to students and budgets  Training for building and maintenance staff about benefits and upkeep of BMPs  Teacher training in school sustainability	3.1 , 3.2 , 3.3	No
Funding and staff resources	Training new coordinator for Sustainable Schools team from EPA; Identifying new participants for state and regional groups.	Grants for schools to implement sustainable school projects  Staff support within state agencies	1.1 , 1.2 , 1.3	No

**ENVIRONMENTAL LITERACY: 2018-2019 SCHOOLS WORK PLAN ACTIONS**

Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline	Partner organizations
<b>Management Approach 1: Strengthen and coordinate sustainable school state certification and recognition programs consistent with high-quality, recognized criteria such as the U.S. Department of Education Green Ribbon School program.</b>						
1.1	Convene state-level sustainable schools meetings to facilitate dialog and increase intentional connections among programs to create an easy-to-understand pathway for schools to engage in increasingly sophisticated sustainability efforts.					
		Work with states to better understand state efforts and increase collaboration across state lines	EPA	Region	Ongoing	
		Regularly convene sustainable schools representatives to highlight lessons learned and discuss shared interests	EPA	Region	Ongoing	
		Collaborate within the VDOE, include representatives from the departments of facilities, health and PE, school nutrition, STEM, to determine information that can be included on VDOE website on sustainable school practices. Create links between sites to allow for easier access to information.	VDOE	VA	Dec 2018	
		Continue to serve on the PA GHSP Advisory Board and collaborate with PDE, DCNR, EPA, Dept of Ag, PennDot, and Dept. of Health on sustainable school participation.	PA PDE	PA	Ongoing	PA DEP, DCNR, PDE, Dept. of Ag, Dept. of Health and EPA
		Coordinate connections between and among Eco-Schools, PLT Green Schools, and Green Ribbon Schools.	PAGHSP	PA	2020	PA DEP, PDE, DCNR, EEAC, PAGHSP
		Create and maintain a new Delaware sustainable schools group.	DOE	DE	Ongoing	Delaware United, DNS, DNREC, EPA,
1.2	Identify additional funding opportunities to support sustainable school efforts.	Review funding inventory provided to Management Board for programs applicable to Sustainable Schools.	EPA	Region	Jul 2018	NOAA
		Encourage the submission of sustainable schools projects to the EPA environmental education grants program	EPA	Region	Ongoing	
		Identify additional federal resources that could support Sustainable Schools efforts.	EPA	Region	2019	
		Continue to offer the PA DEP Environmental Protection EE Grant Program to fund sustainable school programs throughout PA.	PA DEP	PA	Ongoing	PA DEP
		WV DEP Chesapeake Bay Program "Tributary Team" investigating potential U.S. EPA Bay Program funding for MWEE and sustainable schools.	Cacapon Institute	WV Bay Counties	Dec 2019	Experience Learning, WVDEP
1.3	Collect successful program models and lessons learned and share among partner organizations to improve programs and increase collaboration.	Develop a plan to showcase Sustainable Schools efforts on Bay Backpack.	CBP	Region		MAEOE
		Create profile sheets for DC recipients of the US Green Ribbon Schools Recognition and post on the OSSE website.	OSSE	DC	2019	LEAs

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Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline	Partner organizations
		Provide exemplars of effective sustainable school programs, as evidenced by earning the USDOE Green Ribbon School designation, on the VDOE website.	VDOE	VA	Annually	
		Support USDOE Green Ribbon School designation and support schools in the Eco-Schools and PLT Green Schools programs.	PA PDE	PA	Ongoing	PA PDE, DCNR,
		Post program models and other materials on the PA Green and Healthy Schools Partnership website.	PA PDE	PA	Ongoing	
		Promote Green Schools at state conferences.	PAGHSP	PA	2020	PA DEP, PDE, DCNR, EEAC, PAGHSP
		Promote the Keystone Energy Education Program (KEEP) professional development workshops.	PA DEP	PA	Ongoing	PA DEP, PDE
<b>Management Approach 2: Broaden stakeholder engagement beyond environmental literacy constituents to broaden awareness, build partnerships, and increase support.</b>						
2.1	Increase the number of facilities, health, and other related professionals engaged in state level sustainable schools convenings to better inform sustainable schools efforts and increase sustainability considerations across disciplines.	Conduct targeted outreach to influential state agency staff and stakeholder groups to raise awareness and support for sustainable schools.	CBP	Region		PA DOE, VA, DOE, MSDE
		Develop a means to connect and better integrate the various programs and initiatives offered at the state level to support sustainable practices in schools; provide readily accessible information on these resources via BayBackpack, linked to partners' websites; and promote them through existing sustainable schools programs.	MD Project Green Classrooms	MD	Dec 2018	MSDE, DNR, MDP, MDE, MAEOE, NWF
		Explore the possibility of creating a sustainable schools subcommittee as part of the District's Healthy Youth and Schools Commission, to provide guidance on how to move forward with a state green school certification program.	OSSE	DC	2019	
		Integrate additional agencies into the PA Green and Healthy School Partnership, including Dept. of Ag, Health, and PennDOT.	PA PDE	PA	Ongoing	PA DEP, DCNR, PDE, Dept of Health, Dept. of Ag., PennDot
		Target additional agencies to participate in the GHSP and recognize awardees at annual recognition program.	PA PDE	PA	Ongoing	PA DEP, DCNR, PDE,
		Increase and strengthen school based policies focusing on nutrition and physical activity by promoting technical assistance and best practices.	PAGHSP	PA	2020	PA DEP, DCNR, PDE, Dept of Health, Dept. of Ag., PennDot
		Identify best management practices to make school buildings and grounds more sustainable.	PAGHSP	PA	2020	PA DEP, DCNR, PDE, Dept of Health, Dept. of Ag., PennDot
		Collaborate within the VDOE, include representatives from the departments of facilities, health and PE, school nutrition, STEM, to disseminate information on sustainable school practices.	VDOE	VA	Ongoing	

**ENVIRONMENTAL LITERACY: 2018-2019 SCHOOLS WORK PLAN ACTIONS**

Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline	Partner organizations
		Communicate state and national sustainable school award programs through VDOE Science Update and Teacher Direct.	VDOE	VA	Ongoing	
		Facilitate collaboration between state agencies and LEAs to provide a more holistic approach to sustainable environments to include health & nutrition, agriculture, community involvement, and economics.	VRUEC	VA	Ongoing	VDOF, VAEE, VCE, DGIF, VCEE, VDOE, DEQ
2.2	Better connect with other Chesapeake Bay Program Goal Implementation Teams and state working groups/networks to support implementation of best management practices at schools.	Conduct survey of CBP Goal Implementation Teams to determine opportunities to conduct projects at schools.	CBP	Region	Dec 2018	EPA, NOAA, NPS
		Promote cross-program training across state agencies.	VDOE	VA	Annually	DNR
		Provide reports and updates to CBP through the Education Workgroup, work with the Diversity Working Group on career pathways efforts that apply within schools; report on our actions within the agencies to promote cross-program coordination.	Project Green Classrooms	MD	Annually / ongoing	MD DNR, MSDE, others
		Explore the possibilities of linking with Adopt-a-Stream initiatives as well as wildlife efforts.	DOEE	DC	Ongoing	
		Coordinate PAGHSP participants with the NOAA PA Environmental Literacy Capacity Building Task Force to connect with the Chesapeake Bay Program.	PA PDE	PA	Ongoing	PA DEP, DCNR, PDE, Stroud Water Research Center
		Engage WV Chesapeake Bay Program "Tributary Team" in implementing school-based stormwater reduction BMP's that include MWEE.	Cacapon Institute	WV Bay Counties	Dec 2019	Experience Learning, WVDEP, WVCA, WVDOF
<b>Management Approach 3: Identify and disseminate sustainable schools information and resources to school districts and schools.</b>						
3.1	Support development of school and school division sustainability plans that clearly outline program components and best practices, and disseminate them to encourage replication.					
		Develop recommendations and guidance for implementing sustainable practices at school facilities and grounds; explore options to secure a statewide sustainable schools coordinator to provide technical assistance for school districts to develop and implement sustainability plans to systemically increase the number of sustainable schools in Maryland.	Project Green Classrooms	MD	Recomm.s Dec 2018; coordinator, some plans 2019; [more plans, training, implement 2020]	MSDE, DNR, MDP, MAEOE, NWF, MDE, etc.
		Engage school district experts, stakeholders, and state/federal agencies to provide suggestions for tools, resources, training opportunities, and other assistance to schools for implementing sustainable/healthy schools.	VDOE	VA	Annually	CBF, VRUEC, VDOF, DGIF, VAEE, DCR, etc.
		Support implementation of stormwater BMPs through professional development workshops for formal and non-formal educators.	PA DEP	PA	Ongoing	PA DEP, DCNR, PDE, Sroud Water Research Center etc
		Continue support of PA Green Ribbon Schools, Eco-Schools, and PLT Green Schools programs to encourage state and district level sustainability efforts.	PA PDE	PA	Ongoing	DEP, DCNR, PDE, EPA

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Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline	Partner organizations
		Encourage schools to participate in WV Sustainable Schools and WVDEd Green Ribbon Schools.	Cacapon Institute	WV	Ongoing	Experience Learning, WVSTA, WVDE
3.2	Collect and disseminate studies and information about sustainable schools awards programs, opportunities, and benefits, including cost savings, student health, student achievement.					
		Update VDOE Healthy Schools website to reflect up to date BMP and sustainable schools benefits.	VDOE	VA	Ongoing	
		Promote successful sustainable school initiatives through the DEP EE Grant program and the NOAA PA Environmental Literacy Capacity Building Task force.	PA DEP	PA	2019	PA DEP, DCNR, PDE, Stroud
		Communicate state and national sustainable school award programs through VDOE Science Update and Teacher Direct.	VDOE	VA	Ongoing	
		Encourage large scale participation in the US Green Building Council Green Apple Day of Service	EPA	Region	Yearly	
3.3	Encourage and support the installation of BMP projects on school grounds.					
		Continue to promote videos on the DEP website including: "Stream Maintenance Guide", "The Susquehanna River Story", "Looking Below the Surface" and "Be Stormwater SmartPA".	PA DEP	PA	Ongoing	PA DEP
		Support implementation of stormwater BMPs through professional development workshops for formal and non-formal educators.	PA DEP	PA	Ongoing	PA DEP, DCNR, PDE, Sroud Water Research Center etc
		Complete and post a series of videos on stormwater management to supplement school projects materials on Bay Backpack.	NWF	Region	2018	CBP
		Through the RiverSmart Schools program, provide teachers with training and financial resources to install conservation sites on their school grounds and integrate them into their curriculum.	DOEE	DC	2018	Design-Build contracts, LEAs
		Continue to offer the Keystone Energy Education Program (KEEP) professional development workshops.	PA DEP	PA	Ongoing	PA DEP, PDE
		Coordinate state Green Ribbon Schools Programs.	Various	WV, DE, MD, PA, VA, DC	Yearly	DDEE, Experience Learning, OSSE, MSDE, VDOE, PDOE
		Maintain the PA Greener Schools Program.	Green Building United	PA	Yearly	Various partnerships
		Broadly engage Potomac Highlands communities in stormwater runoff pollution mitigation BMP's including schoolyard based BMP's tied to MWEE's.	Cacapon Institute	WV Bay Counties	Nov 2019	Experience Learning, WVDEP, WVCA, WVDOF
		Continue support of PA Green Ribbon Schools and Eco-Schools programs.	PA PDE	PA	Ongoing	DEP, DCNR, PDE, EPA

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		Broadly engage schools, and school communities, in stormwater runoff reduction BMP's with MWEE.	Cacapon Institute	WV Bay Counties	Ongoing	Experience Learning, WVDEP, WVCA, WVDOF

*\*\*Note: As a member of the Chesapeake Executive Council and a signatory to the Chesapeake Bay Watershed Agreement, the Chesapeake Bay Commission (CBC) functions as the legislative arm of the Chesapeake Bay Program working within Maryland, Pennsylvania and Virginia and at the federal level to identify specific Bay management concerns requiring intergovernmental coordination and cooperation. CBC makes recommendations to the federal, state and local governments on legislative and administrative actions necessary to effectuate coordinated and cooperative management for the Bay watershed. The Commission will work collaboratively with Bay Program partners to identify legislative, budgetary and policy needs to advance the key actions identified in this outcome and to anticipate those needed in the future. The CBC's work is supported by the annual appropriations of its three member states totaling \$675,000 and is, on occasion, supplemented by project-specific grants.*