



BALTIMORE LAB SCHOOL

THE DIFFERENCE IS EXTRAORDINARY



WATERSHED STEWARDS PROGRAM CBT Grant #22038





2023 ACTION PROJECTS

- 03** Oyster Planting
- 04** Prom Plants
- 05** Podcasting
- 06** Reduce Waste Campaign
- 07** Rawlings Conservatory
- 08** Adopt a Wolf Campaign
- 09** High School Green Team
- 010** Middle School Bug Hotels
- 011** Air Quality Flags
- 012** Storm Drain Maintenance
- 013** School & Storm Drain Clean-up
- 014** Arts-Integrated Environmental Projects
- 015** Discovery Club
- 016** Class of 2024 Bee Tree Preserve Trip
- 017** High School Bay Day Celebration
- 018** Middle School Bay Day Celebration
- 019** Lower School Bay Day Celebration



OYSTER PLANTING



Description

Planting oysters with Chesapeake Bay Foundation



Date of Activity

May 31, 2023

48

service learning
hours earned



Students & Educators

12 Students (Grade 9-12) and 2 educators





PROM PLANTS



Description

Using live plants to reduce waste at Prom and then donate plants to BLS for a healthy school environment



Date of Activity

May 5, 2023 - December 30, 2023

12

service learning
hours earned



Students & Educators

18 Students (Grade 12) and 20 educators





PODCASTING



Description

5 podcasts created: The Importance of Not Littering, How to Reduce Your Energy Consumption, How Can We Protect Wildlife, The Truth About Plastic Bags, and The Dangers of Air Pollution



Date of Activity

May 3, 2023 - October 4, 2023

24

service learning
hours earned



Students & Educators

12 Students (Grades 9- 12) and 1 educator





REDUCE WASTE



Description

Poster-making campaign to encourage students and staff to reduce their waste use.



Date of Activity

February 27, 2023 - June 7, 2023

12

service learning
hours earned



Students & Educators

12 Students (Grades 9- 12) and 1 educator





RAWLINGS CONSERVATORY



Description

Student-led tour of Rawlings Conservatory for the Class of 2023



Date of Activity

April 26, 2023

24

service learning
hours earned



Students & Educators

12 Students (Grade 12) and 1 educator





ADOPT A WOLF



Description

Class of 2024 sponsored campaign to raise funds and adopt a wolf through the PA Wolf Sanctuary in Lititz, PA.



Date of Activity

September 21, 2023 - December 30, 2023



Students & Educators

13 Students (Grade 12) and 2 educators





GREEN TEAM



Description

Weekly Wednesday meetings for the High School Green Team, a volunteer-based club for HS students



Date of Activity

Every Wednesday during the school year in 2023

240

service learning
hours earned



Students & Educators

12 Students (Grades 9-12) and 1 educator





BUG HOTELS



Description

Middle School students designed and built Bug Hotels during an arts-integrated program called Innovators Workshop



Date of Activity

April 19, 2023

70

service learning
hours earned



Students & Educators

35 Students (Grades 6-8) and 8 educators





AIR QUALITY FLAGS



Description

Middle School students check the air quality for the day and raise the flag to keep community informed of any alerts



Date of Activity

Daily throughout school year in 2023




20

service learning
hours earned



Students & Educators

2 Students (Grade 6) and 1 educator

Quality Index	Outdoor Activity Guidance
 green GOOD	Great day to be active outside!
 yellow MODERATE	Good day to be active outside! Students who are unusually sensitive to air pollution could have symptoms.*
 orange UNHEALTHY FOR SENSITIVE GROUPS	It's OK to be active outside, especially for short activities such as recess and physical education (PE). For longer activities such as athletic practice, take more breaks and do less intense activities. Watch for symptoms and take action as needed.* Students with asthma should follow their asthma action plans and keep their quick relief medicine handy.
 red UNHEALTHY	For all outdoor activities , take more breaks and do less intense activities. Consider moving longer or more intense activities indoors or rescheduling them for another day or time. Watch for symptoms and take action as needed.* Students with asthma should follow their asthma action plans and keep their quick relief medicine handy.
 purple VERY UNHEALTHY	Move all activities indoors or reschedule them to another day.



STORM DRAINS



Description

Maintain storm drains by cleaning and stenciling



Date of Activity

March 1, 2023

24

service learning
hours earned



Students & Educators

12 Students (Grade 8) and 4 educators





SCHOOL CLEAN-UP



Description

Class of 2024 Clean-up around the schoolyard and storm drains close to school campus



Date of Activity

April 27, 2023

24

service learning
hours earned



Students & Educators

12 Students (Grade 12) and 2 educators





ARTS-INTEGRATED PROJECTS



Description

Environmental Projects that utilize Baltimore Lab School's arts-integrated methodologies



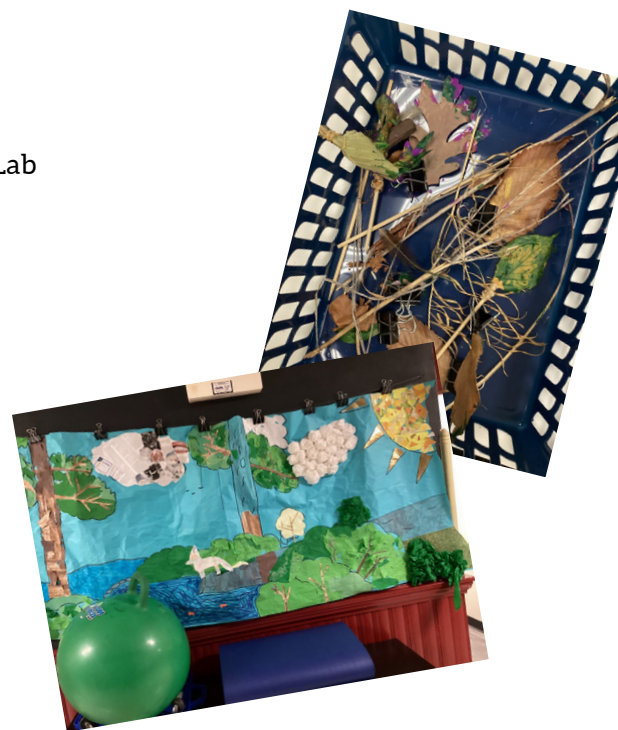
Date of Activity

February 27, 2023 - December 30, 2023



Students & Educators

116 Students (Grades 1-12) and 7 educators



DISCOVERY CLUB



Description

Outside nature observation and exploration of John Muir and Teddy Roosevelt and "The Camping Trip that Changed America."



Date of Activity

Fall of 2023



Students & Educators

3 Students (Grade 3) and 1 educator





BEE TREE PRESERVE



Description

Class of 2024 Retreat to the Bee Tree Preserve



Date of Activity

June 6, 2023



Students & Educators

12 Students (Grade 12) and 4 educators





HS BAY DAY CELEBRATION



Description

High School Chesapeake Bay Day Celebration
at Sandy Point State Park



Date of Activity

May 19, 2023



Students & Educators

60 Students (Grades 9-12) and 12 educators





MS BAY DAY CELEBRATION



Description

Middle School Chesapeake Bay Day Celebration
at Patapsco State Park



Date of Activity

June 13, 2023



Students & Educators

35 Students (Grades 6-8) and 12 educators





LS BAY DAY CELEBRATION



Description

Lower School Chesapeake Bay Day Celebration at the Severn River



Date of Activity

June 12-13, 2023



Students & Educators

20 Students (Grades 1-5) and 12 educators





2023 MWEE TRIPS

- 021** Oyster Gardening Kick-off (9th Grade)
- 022** Baltimore Harbor & Snow Goose (9th Grade)
- 023** MD Rivers and Streams (11th Grade)
- 024** Arthur Sherwood Center (12th Grade)
- 025** Arthur Sherwood Center (10th Grade)
- 026** Baltimore Harbor & Snow Goose (6th Grade)
- 027** MD Rivers and Streams (8th Grade)
- 028** Terrapin Time (Lower School)
- 029** NorthBay Adventures (Lower School)
- 030** Oyster Gardening (High School)
- 031** Phillip Merrill Center (7th Grade)
- 032** Karen Noonan Center (9th, 10th & 11th Grades)



OYSTER GARDENING KICK-OFF



Date of Activity

September 6, 2023

28

service learning
hours earned



Students & Educators

14 Students (Grade 9) and 2 educators





BALTIMORE HARBOR SNOW GOOSE



Date of Activity

September 8, 2023

84

service learning
hours earned



Students & Educators

14 Students (Grade 9) and 6 educators





MARYLAND RIVERS & STREAMS



Date of Activity

September 12, 2023

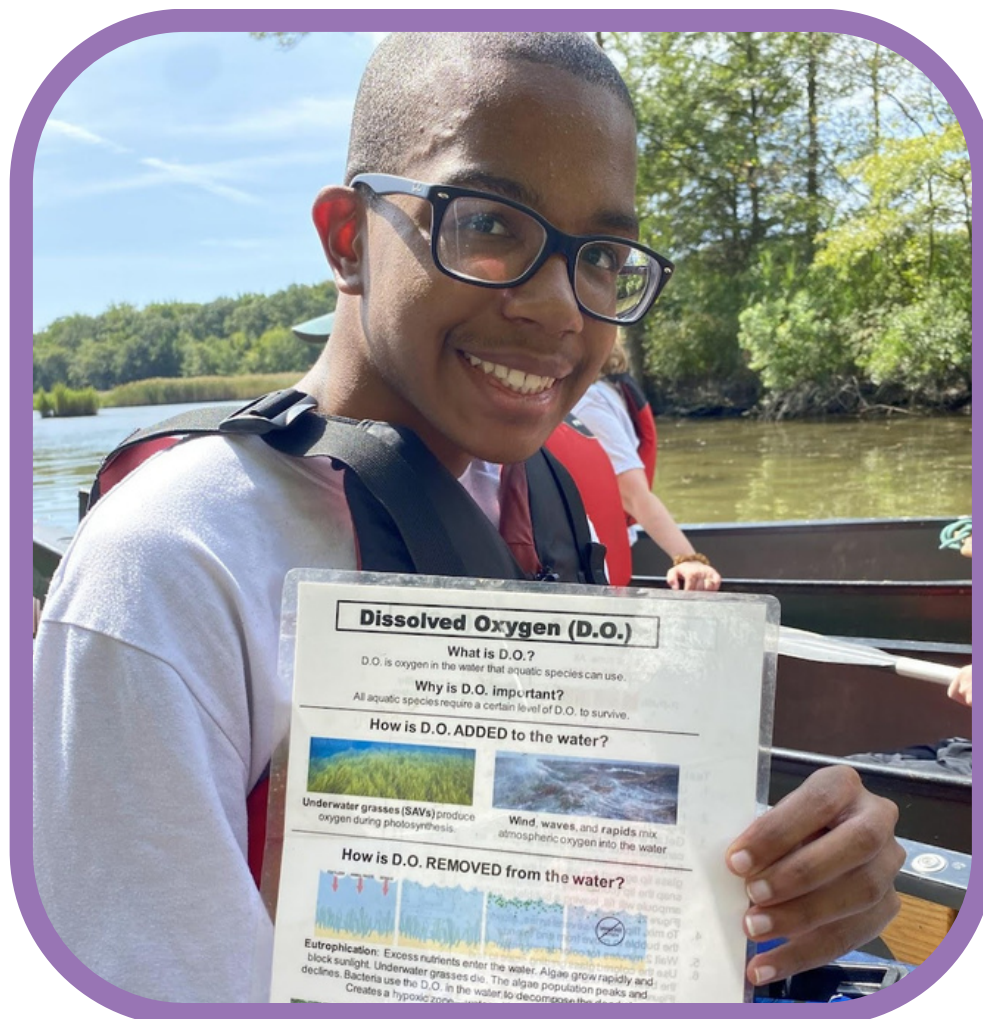


Students & Educators

13 Students (Grade 11) and 4 educators

90

service learning
hours earned





ARTHUR SHERWOOD ENVIRONMENTAL CENTER



Date of Activity

September 14, 2023

90

service learning
hours earned



Students & Educators

13 Students (Grade 12) and 5 educators





ARTHUR SHERWOOD ENVIRONMENTAL CENTER



Date of Activity

September 18, 2023



Students & Educators

16 Students (Grade 10) and 4 educators

96

service learning
hours earned





BALTIMORE HARBOR & SNOW GOOSE



Date of Activity

September 19, 2023

72

service learning
hours earned



Students & Educators

12 Students (Grade 6) and 6 educators





MARYLAND RIVERS & STREAMS



Date of Activity

October 2, 2023



Students & Educators

10 Students (Grade 8) and 5 educators

60

service learning
hours earned





TERRAPIN TIME LOWER SCHOOL



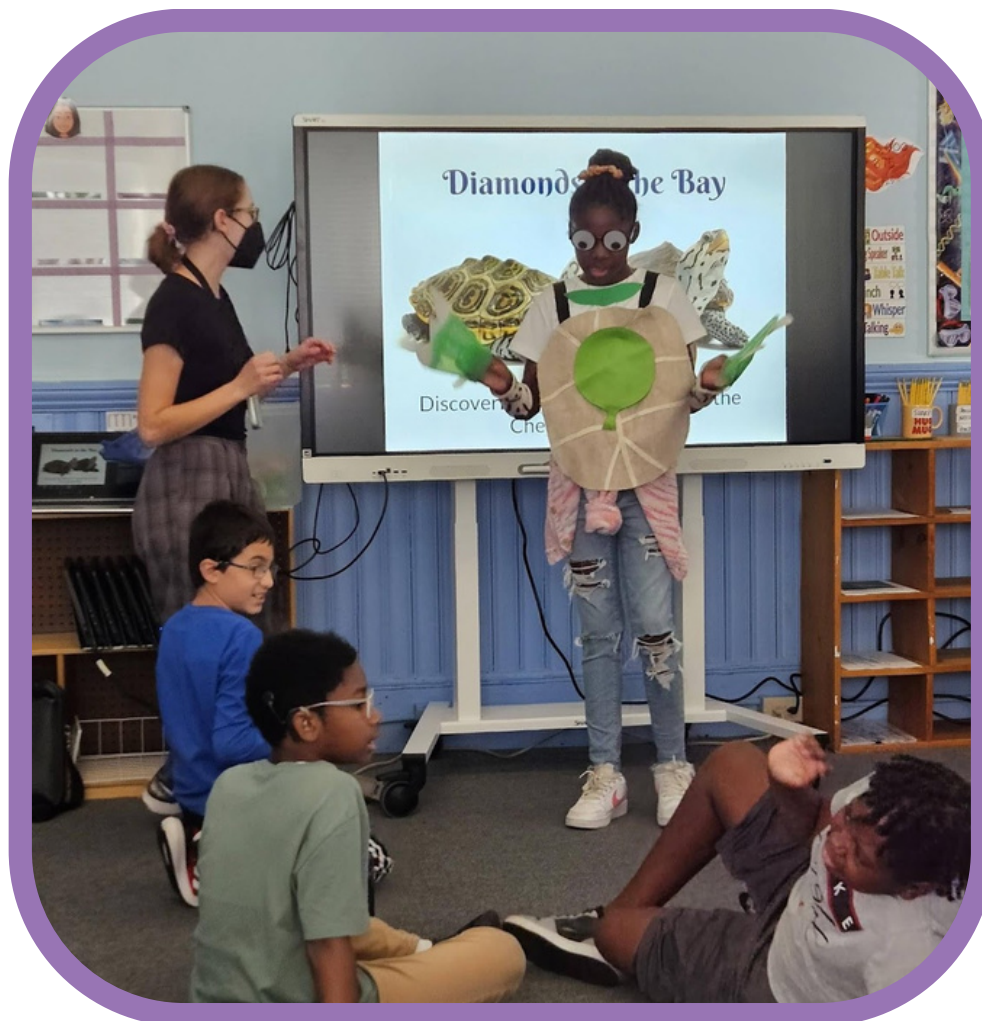
Date of Activity

October 4, 2023



Students & Educators

18 Students (Grades 1-5) and 4 educators





NORTHBAY ADVENTURES LOWER SCHOOL



Date of Activity

October 13, 2023



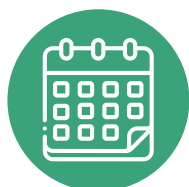
Students & Educators

18 Students (Grades 1-5) and 10 educators





OYSTER GARDENING HIGH SCHOOL



Date of Activity

September - December 2023

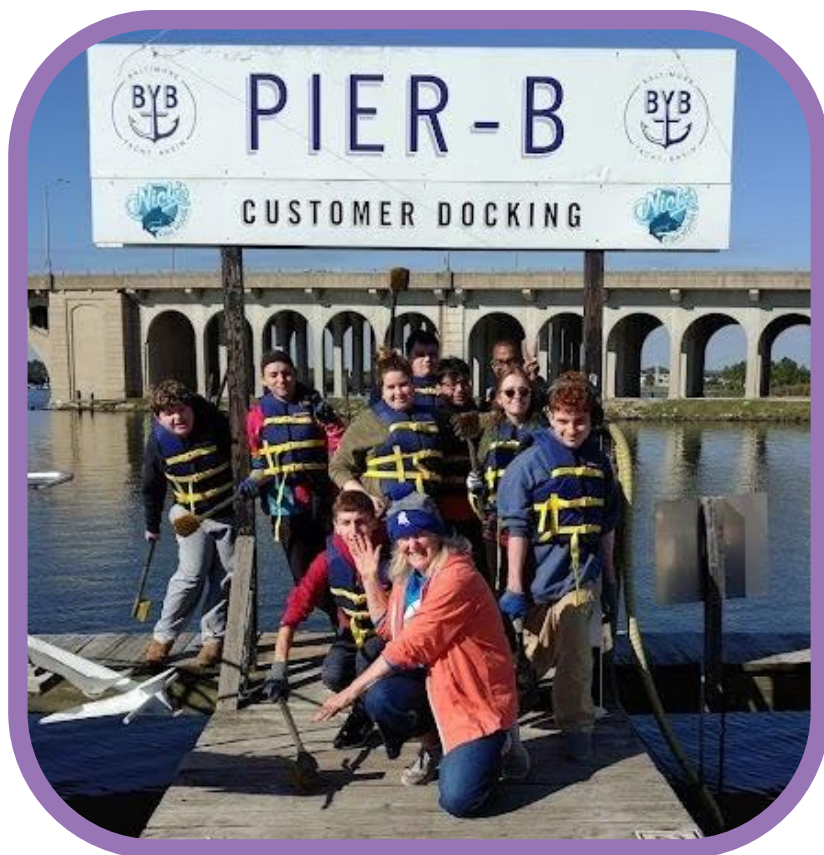


Students & Educators

60 Students (Grades 9-12) and 4 educators

120

service learning
hours earned





PHILLIP MERRILL ENVIRONMENTAL CENTER



Date of Activity

November 3, 2023

7

service learning
hours earned



Students & Educators

8 Students (Grade 7) and 5 educators





CBF KAREN NOONAN CENTER



Date of Activity

November 17 - 19, 2023



Students & Educators

14 Students (Grades 9-11) and 6 educators



252

service learning
hours earned





PROGRAM IMPACT

The below data is a summary of the total impact and participation in the Baltimore Lab School Watershed Stewards Program through MWEE's and Action Projects

1456

**Total Service
Hours Earned**

83

**Total
Activities**

82

**Educators &
Volunteers***

116

**Students
(Grades 1 - 12)**

*41 BLS educators, 20 CBF educators, 4 MD Environmental Services and/or Port of Baltimore Environmental Specialist Staff, 2 NorthBay Adventures Staff

*100% of BLS Students participated
in the Watershed Stewards Program*



HIGHLIGHTS

EDUCATION AND OUTREACH

- 15 Student-driven action projects
- 14 Meaningful Watershed Education experiences & outdoor trips

WILDLIFE & HABITAT:

- 26,000 Oyster spat planted on the Fort Carroll Oyster Sanctuary Reef in the Patapsco River
- 100 Indoor plants used to decorate Prom and then donated and living in every BLS classroom
- 20 Oyster cages filled with spat on shell, installed and maintained at the Oasis Marina in Baltimore City
- 10 Days gardening and maintaining our schoolyard habitat, the Ellen McDaniel Memorial garden and wildlife habitat
- 5 Baby terrapins visit with our Lower School students
- 1 Wolf adopted by our High School Students

STORMWATER:

- 200 Pounds of trash removed, including single-use plastics
- 24 Storm drains were cleaned, painted, and stenciled in our Old Goucher neighborhood

