

Bladensburg Waterfront Park

4601 Annapolis Road, Bladensburg, MD 20710
Pgparcs.com; 301-779-0371

Park Hours: Open Daily from sunrise to sunset

Office Hours: Open Daily, 9 am - 5 pm

 outdoors.pgparcs.com

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The Department of Parks and Recreation encourages and supports the participation of individuals with disabilities. Register a minimum of two weeks in advance of the program start date to request and receive a disability accommodation. PC PR PA 3/18

School Program Guide for Educators

Bladensburg Waterfront Park



4601 Annapolis Rd.,
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301-779-0371; TTY 301-699-2544
<http://outdoors.pgparcs.com>

School Program Guide for Educators



Bladensburg Waterfront Park offers science and social studies curriculum programs to students at our location or at your school. The interactive programs are great for camps, scouts, and other groups and can range from 45 minutes to 2 hours.

Programs may include natural or historical artifacts, STEM experiments and hands-on activities, crafts, pontoon boat tours, hikes, writing, math, and/or outdoor explorations. Programs will compliment the Maryland's school curriculum requirements. Program outlines are available upon request.

While in the park, students can take a nature walk on the Anacostia River Trail & boardwalk, explore the big red caboose, ride bikes, go canoeing or paddle boating, have a blast on the playground and/or play games in the field. Groups can eat lunch in the park. Picnic tables are available under our covered pavilion.

Outdoor Classroom Programs

Guided Discovery Hikes (Grades K - 5)

The students will go on a naturalist-led nature hike along the Anacostia River Trail, discussing the river, wetlands, and forest ecosystems, biotic and abiotic factors, wildlife, plants, and more! Field guides, binoculars, nets, critter catchers, and other fun materials and supplies will be provided, so that the students can fully engage with their surroundings. Scavengers hunts can also be provided, so groups can search high and low for various natural items and creatures!



Outdoor Wetland Classroom (Grades 3 - 8)

An adapted version of our popular "Wetland and the Chesapeake Bay" program puts the students in the middle of a real wetland area to explore how our park marshes grow and function. From guided activities to open exploration, students will leave with an understanding and appreciation for wetlands! Students may get a little wet or muddy. Additional fees may apply.



Ecological Systems & Field Sampling (Grades 4 - 8)

Using tools and technology, students will sample, identify, examine and/or measure various plant and animal life around the park. Study areas may include forest, marsh, river and/or wetland ecosystems. Real world data collection is the best way for students to love STEM and the outdoors!



Social Studies Programs

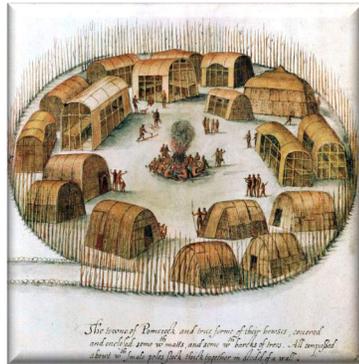
Investigation Transportation (Grades 2 - 5) 5A2

Investigate the changes in trains, ships and hot air balloons from our area and examine and compare the history, science, technology and benefits of the changes in transportation over time. Participate in related STEM activity and visit the old Red Caboose.



Native American Life (Grades 2 - 8)

Explore the ancient life of the Eastern Woodland Native Americans who lived in our region. Learn about their lifestyle, food, clothing, and cultural traditions. Student will be able to use tools to grind beans, play native games and participate in other engaging activities. (This program can be modified to be taught on our pontoon boat.)



Battle of Bladensburg and the War of 1812 (Grades 3 - 6)

Learn about the American defense of Washington D.C. against the British invasion of Bladensburg, and Washington D.C. in August of 1814. Students will be able to view and explore artifacts and reproductions of items that were typically utilized during this time.



(This program can be modified to be taught on our pontoon boat.)

School Program Guide for Educators

FEEES: minimum fee \$50 for programs in the park

Programs in Our Classroom (Add \$2 per student to add a general pontoon boat tour to your program)

- \$3 per student for Prince George's and Montgomery County schools or other groups
- \$4 per student for schools or groups from all other areas.

Programs on The Pontoon Boat with a Naturalist or Historian

- \$3 per student for Prince George's and Montgomery County Schools or other groups
- \$4 per student for schools or groups from all other areas.

General Pontoon Boat Tours

- \$2 per student for Prince George's and Montgomery County Schools or other groups
- \$3 per student for schools or groups from all other areas.

Programs at Your School; minimum fee \$65

- \$4 per student for Prince George's and Montgomery County Schools or other groups
- \$5 per student for schools or groups from all other areas.

Our pontoon boats hold a maximum of 35 people.



Life & Earth Science School Programs

Energy & Interactions (Grades Pre-K - 2) NGSS: K-LS1-1, K-ESS3-3, 2-LS2-A

In this fun interactive program, students will learn what plants and animals need to live and grow. Students will explore how energy comes from natural resources and how living things interact in an ecosystem. Students will also learn what they can do to help their environment such as recycling and conservation. Students will participate in a fun learning nature activity.



Animal Characteristics & Adaptations (Grades K - 4) KLS1.1, KSS2-2, K-SS3-1, 1-LS.D, LS1.C, ESS2.2, 2-LS2-2, 3-LS.B, 4-LS1-1 & 2, LS1.A, LS1.D

Discover where animals live, what they eat, how they move, how they adapt to survive, how they process information, and much more. The program will focus on adaptations of reptiles, amphibians, mammals, birds, and fish. Explore the furs, bones, skin, and shells of various animals. (This program can be modified to be taught on our pontoon boat.)

Patterns of the Galaxy (Grades 1– 2); 1-ESS1-1, 1-ESS1-2 NGGS: 2-ESS2-3. Using multimedia, visual aids, and demonstrations, students will explore the patterns and cycles of the earth, sun, moon and stars in our solar systems. The students will participate in a fun hands-on activity to help them further understand the patterns of the galaxy.

Water & You (Grades 2 - 4); NGGS: 2-ESS2-3
Using multimedia, visual aids, and demonstrations, students will explore the major components of water, the water cycle, water conservation, water safety, and the importance of water as a natural resource to the survival of plants and animals. The students will participate in fun experiments to further explore the concepts and chemistry of water.



Plants Cycles & Interactions (Grades 3 - 5) LS1.C, 2-LS2, 5-LS1-1, 5-LS2-1, 5-PS3-1

Students will examine the life cycles and characteristics of plants and gain an understanding of photosynthesis, plant respiration, and energy flow. Student will participate in several fun science experiments throughout the program.

Life & Earth Science School Programs

Go Green with Rock the Bike (Grades 3 - 12) ESS1 C, ESS2-A, B & C; ESS3.A, B, & C

This exciting program will spark interest in green energy as participants actively explore the concepts and technologies of sustainable renewable energy sources such as solar power, wind power, hydropower and biofuel. Student will learn about volts, amps & watts as they ride stationary bikes to generate clean energy to power lights, fans, radios, or to create works of art. Additional fees may apply.



Earth Systems & Geology (Grades 3 - 5) 3-ESS3-1, 4-ESS3-2, ESS3.A, B, & C, 4-SS2-1 & 2, 5.ESS2-2, 5-ESS3-1, 5-LS2-1, 5-PS3
Students will be able to learn about the patterns of the earth's features such mountains, oceans, and biospheres. Student will also learn about the food web as they explore the cycles of matter and energy transfer in an ecosystem. Student will participate in a fun learning activity.

Weather & The Climate (Grades 3 - 5) 3-ESS2-1 &2, ESS2.D, 3-ESS3-1, 5-ESS2-1

Students will investigate the major components of weather, the importance of weather to the survival of plants and animals, concepts in meteorology and learn the difference between weather and climate. In addition, students will learn about tools and weather symbols used to measure and interpret the weather.

Wetlands & the Chesapeake Bay (Grades 3 - 8) 3-ESS3-1, 4-ESS2-1, 5-ESS2-1, 5-ESS3-1

Explore the wonderful world of wetlands, their functions and importance to the health of the Chesapeake Bay and the surrounding environment. Students will discuss major wetland plants and animals, watersheds, pollution, erosion, and other factors affecting wetlands in Maryland. Students will participate in a hands-on wetland experiment.

