

Programs include a nature hike and nature discovery stations. Length of hike varies by age group. Please contact the Conservancy for more details.

Fees

Field trips are \$7/student with no charge for teachers and chaperones. For an even better price, your school can book two or more field trips with the Conservancy for this school year and the price is reduced to \$6.50/student. Groups of 35 students or fewer, please contact the Conservancy for prices.

To Book

410-465-8877

education@hcconservancy.org

www.hcconservancy.org/elementary-trips



REV. 2019

Aligns with Selected NGSS Standards

K-PS3-1. Make observations to determine the effect of sunlight on Earth's surface.

K-LS1-1. Use observations to describe patterns of what plants and animals need to survive.

K-ESS2-2. Learn how plants and animals can change the environment to meet their needs.

K-ESS3-3. Communicate solutions that will reduce the impact of humans on the environment.

1-LS1-2. Determine patterns in behavior of parents and offspring that help offspring survive.

1-LS3-1. Observe and argue that young plants and animals are like, but not exactly like, their parents.

2-PS1-1. Describe and classify materials by observable properties.

2-ESS1-1. Provide evidence that Earth events can occur quickly or slowly.

2-ESS2-1. Compare solutions designed to prevent wind or water from changing the shape of the land.

2-LS4-1. Make observations to compare the diversity of life in different habitats.

3-LS3-2. Explain how traits can be influenced by the environment.

3-LS4-2. Explain how the variations in a species may provide advantages in surviving, finding mates, or reproducing.

3-LS4-3. Argue from evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.

4-ESS1-1. Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.

Environmental Literacy Standards

Environmental Standard 1 Environmental Issues

Environmental Standard 2 Interactions of Earth's Systems

Environmental Standard 3 Flow of Matter and Energy

Environmental Standard 4 Populations, Communities, and Ecosystems

Environmental Standard 5 Human and Natural Resources

Environmental Standard 6 Environment and Health

Environmental Standard 7 Environment and Society

Environmental Standard 8 Sustainability



Howard
County
Conservancy

connecting people to nature

ELEMENTARY PROGRAMS

Nature Field Trips



The Howard County Conservancy is a local, non-profit organization that provides environmental education and land preservation programs. The Conservancy offers programs at two locations—our home base at Mt. Pleasant Farm in Woodstock and at Howard County's Belmont Manor and Historic Park in Elkridge. The properties feature beautiful streams, woodlands, wetlands and grasslands. The Conservancy has been educating youth since 1997, and has been an educational partner with the Howard County Public School System (HCPSS) since 2003. The Conservancy reaches more than 20,000 children each year through our education programs.



Book your program now for fall or spring! Field trips are half day programs and include a nature walk, environmental games and hands-on activities. K-3 field trips are offered at our Mt. Pleasant location; Preschool, fourth and fifth grade programs will be held at our Belmont location.

All programs are aligned with the HCPSS science or social studies curriculum, Environmental Literacy Standards and Next Generation Science Standards.

Howard County Conservancy Nature Field Trip Programs



Kindergarten Program (Fall or Spring)

"Wild Exploration" Hike around the farm to discover animal pelts, skulls, tracks, nests and other evidence of wildlife. Meet our resident terrapin, discover ways that plants, animals and humans share resources, and discover how students can help protect the habitats of the animals they meet. *(GK.Q1 Scientists and Engineers & GK.Q4 Relationships in the Ecosystem)*

First Grade Program (Fall)

"Owl's Observations" Students will meet our resident barred owl and learn about survival from egg to adult. Search our meadows and forests for signs of animals and their homes and discover how the external features of an animal help it survive in the wild. *(G1.Q1. Plant and Animal: Structure and Function)*

Second Grade Program (Fall)

"The Science of Soil" Students get their hands dirty as they explore the changing landscape. Students will classify soil texture, discover the rocks beneath us, evaluate ways to prevent erosion, and explore the importance of soil in the lives of plants and animals. *(G2.Q2 Earth's Features & G2Q3 Earth's Changing Landscape)*

Second Grade Program (Spring)

"Buggin' Out" Through hands-on investigation, students evaluate insect habitats and adaptations. We will search through forest and meadow habitats on a guided scavenger hunt and discover the mysteries of the bees and butterflies along the new Pollinator Trail. *(G2.Q4 Relationships within Habitats)*

Third Grade Program (Fall or Spring)

"Habitats and Homes" Students hike through meadows to the stream to track native animals. They will visit our owl, terrapin and black rat snake, evaluating the traits that allow individuals in a species to thrive in different ecosystems. Early fall trips may also explore monarch butterflies and how we can all work to protect them. *(G3.Q1 Inheritance and Variation of Traits & G3.Q4 Interdependent Relationships in Ecosystems)*

Fourth Grade Program

(Spring Belmont program)

"Mystery of the Patapsco River" Solve the mystery of the Patapsco Valley by deconstructing colonial industries and searching for signs of water's movement now and during Belmont Manor's colonial period. Learn about Belmont's colonial inhabitants and their connection to the land. *(Social Studies G4.Q3 Colonial Life)*

eLIT Standards 2 and 7

Fifth Grade Program

(Fall or Spring Belmont program)

"Belmont Bioblitz" Students will investigate the forests and meadows of Belmont, using technology to document the species found. Search the pond ecosystem, meet a screech owl, and construct a food web of the complex ecosystem. *(G5.Q4 Matter and Energy)*