

Field Trip Programs:

(At Hayes Arboretum)

Habitat Exploration (1.ESS.4, 1.LS.2, 1.LS.3, 1.LS.4, 2.LS.1, 2.LS.3, 3.LS.3, 3.LS.4, 4.ESS.4, 4.LS.2, 4.LS.3, 5.ESS.3, 5.LS.2, 6.LS.1)

Students will learn about multiple habitats and the inhabitants in them. They will explore different species, what it is to be endangered, and identify physical and behavioral adaptations.

The Woodland Diner (1.LS.2, 1.LS.3, 1.LS.4, 2.LS.1, 2.LS.3, 3.LS.3, 3.LS.4, 5.LS.1, 5.LS.2, 6.LS.1, 6.LS.2, 6.LS.3)

Students will explore the different habitats and learn about food chains. They will learn about producers, consumers, and decomposers. Skulls and teeth will be used to identify herbivores, carnivores, and omnivores.

Native American History Hike (1.1.1, 1.1.2, 2.1.1, 3.1.1, 4.1.1, 4.1.2, 5.1.1)

Hayes Arboretum was once the home to Adena and Hopewell Woodland tribes. Students will travel back in time as they hike to the Indian Mound on our East Side Property. Students will learn Native American traditions and explore how our natural resources were used 5,000 years ago.

Tree Factory (1.ESS.4, 3.LS.2)

Students will learn the basics of tree identification while exploring the historical and cultural uses for wood products. A discussion on how trees produce oxygen and make food will spark interest in plant life. The life cycle of a plant will be explored.

Hike included with each program covers topics related to program and standards.

Classroom Programs:

(At School)

Bullfrogs and Butterflies (1.LS.2, 2.LS.1, 2.LS.2, 3.LS.3)

Metamorphosis is one of the coolest processes in nature. Who changes and why? How long does it take? Observe larval and adult stages of various creatures as evidence that metamorphosis occurs. Discover the importance of these species in nature.

Why is my beak so big? (1.LS.2, 1.LS.3, 2.LS.1, 2.LS.3, 4.LS.3, 6.LS.1, 6.LS.2)

Birds live in unique habitats and have adapted to their environments over time. Some are predators, some are nocturnal, some are swimmers, and some hunt with their beaks! Students will learn about native bird species and how to identify them while also learning about adaptations.

Tree Cookies (1.ESS.4, 3.LS.2)

Trees are essential to our everyday life. They produce oxygen, provide food and building products, and clean the air. Learn about the important role trees play in our society, how they survive and grow, and how to be a tree steward.

Pollution Solutions (1.ESS.4, 4.ESS.4, 5.ESS.3)

Humans impact the environment through everyday actions. Students will learn about the different types of pollution and its effects, the importance of recycling, and the "greener" alternatives available to make the planet cleaner.

Our staff is dedicated to helping children understand and relate to nature. We are happy to customize a program to fit your curriculum needs.

Hayes Arboretum

Teacher's Guide to School Programs

2018—2019



Ready to schedule a program?

Field Trips and Classroom Programs are available Wednesdays thru Fridays, September to November and March to May.

- Maximum program size is 45 students.
- The cost for a Field Trip or Classroom Program is \$2 per student with a \$20 minimum. Fees are due the day of your visit. If your school requires billing, please include a purchase order. Adult chaperones and teachers are free of charge. Our Nature Center and Playscape area are available for sack lunches for no additional charge.
- Students and Adults participating in a Field Trip should dress appropriately for the weather and wear sturdy shoes. Because our programs are Nature-based, we will continue with outdoor programs in the event of rain and other non-threatening weather conditions.
- In the event a program is cancelled due to inclement weather, Hayes Arboretum will work with teachers to reschedule.
- Programs are designed to be 2 hours. Each additional hour is subject to \$2 per student charge (\$20/hour minimum).

How to schedule a visit:

Contact Jenilee Braun
to check available dates.

Phone: 765-962-3745

Email: jb Braun@hayesarb.org

Please have the following:

- *Your ideal program date*
- *grade level*
- *number of students (45 max)*
- *program choice(s)*
- *approximate arrival and departure times*

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Richmond Symphony Orchestra
Society for the Preservation and
Use of Resources
Wayne County Tourism Bureau

Hayes Arboretum is pleased to offer a number of Programs designed to enhance current science curriculums by providing hands-on learning experiences with nature. All lessons integrate Indiana state standards and are led by trained and experienced naturalists.

Hayes Arboretum is 330 acres of woodlands, meadows, swamps, and streams just waiting to be explored by eager students. Our three miles of hiking trails are an ideal outdoor laboratory providing your students an unparalleled learning experience. Programs may be customized to enhance lessons you are currently teaching in the classroom. Field Trips or Classroom Programs are available Wednesday thru Friday, September to November and March to May.