

Robinson on the Road

IN-SCHOOL AND OFF-SITE PROGRAMS



Robinson Nature Center comes to you with Robinson on the Road. The Nature Center's staff educators visit your classroom and bring nature to life with touchable materials and fascinating activities geared towards preschool - 6th grade. Each program is for up to 30 students and lasts one hour. Back to back programs may be booked at one location with discounts offered on additional programs. Programs may be booked on Wednesdays, Thursdays and Fridays based on staff availability. NGSS and HCPSS standards listed below each program. If you are a Howard County Title 1 or Title 1 TSA school, see the back of this flyer for information on Robinson on the Road sponsorships.

Hands-on Nature

Expose your students to a variety of nature's sights and sounds in the comfort of your own classroom! The Nature Center's staff lead students in an exploration of animal mounts, fur, skulls, feathers, shells, and more. Your students can get hands-on with nature like never before. Learn what makes a bird a bird and a mammal a mammal as we explore the five different groups of animals with backbones.

HCPSS: Q1 & Q4, Kindergarten; Q1, 1st Grade; Q4, 2nd Grade; Q1 & Q4, 3rd Grade; Q4, 4th Grade & Q4, 5th Grade

NGSS Standards: 1-LS1-1, 2-LS4-1, 3-LS4-2, 3-LS4-3, 4-LS1-2 and 5-LS2-1

All grades / \$175 (1st program); \$150 (each additional program)

We Are Scientists

Do all scientists wear lab coats? In this engaging program, your class not only learns that there are many different types of scientists, they have the chance to "become" different scientists. Students move between various stations, make observations and manipulate special tools used by scientists. Enjoy watching your students investigate birds, insects, rocks, archaeological objects, and more. This program is a great way to get students excited about science investigations for the remainder of your school year!

HCPSS: Q1, Kindergarten

ELA-Literacy Common Core State Standards Connections:

SL.K.1, SL.K.3, SL.K.4, SL.K.5, SL.K.6, RI.K.10

Math Common Core State Standards Connections: K.MD.3

K-2nd grade / \$175 (1st program); \$150 (each additional program)

Variation Celebration

Why don't all sunflowers grow to the same height? Why are some turtles' shells different shapes? Even within a single species of plant or animal, variety exists. The Nature Center staff lead your students in a hands-on exploration that simplifies the complex concept of variation. At stations, students investigate everything from tree branches to insects to skulls in order to determine whether two different specimens are the same species. Students are delighted and surprised as they solve these natural riddles and gain a better understanding of variation among species.

NGSS Standards: 3-LS3-1; HCPSS: Q1, 3rd grade

3rd-5th grade / \$175 (1st program); \$150 (each additional program)

Virtual Power Tour

In this exciting program, investigate your energy use and explore energy sources using virtual reality technology. Travel to the sea floor where oil is extracted and to a farm where wind turbines generate electricity. Visualize what makes fossil fuel non-renewable and inspect the technology that allows renewable energy sources (like wind and the sun) to be converted into energy. Each student will use their own pair of VR goggles as the Nature Center staff guides them in an investigation of our non-renewable fuels and renewable sources.

NGSS Standards: 4-ESS3-1; HCPSS: Q1, 4th grade

3rd-5th grade / \$200 (1st program); \$175 (each additional program)

Di-skull-very

Explore the fascinating world of animal adaptations through hands-on exploration of skulls, pelts and tracks. The Nature Center staff teach students to use these clues to determine how animals may have lived, what they ate, whether they were predators or prey, and how their coats help them survive. Students work in pairs to identify a mystery animal using only its skull, then present evidence on how an animal's coat is specialized for that species and how it helps them survive.

NGSS Standards: 4-LS1-1; HCPSS: Q4, 4th grade

4th-6th grade / \$175 (1st program); \$150 (each additional program)

Booking & Information: 410-313-0400, www.howardcountymd.gov/RNC/education or 6692 Cedar Lane, Columbia, MD 21044



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JAMES & ANNE
Robinson
NATURE CENTER

Title I Sponsorship Opportunities



Eligibility

Sponsorships are available to Howard County Title I Public Schools. Each Title I school may be awarded one sponsorship per school year for a field trip to Robinson Nature Center or a Robinson on the Road program at their school.

How Do I Receive a Sponsorship?

To apply, complete the sponsorship application form and submit it with a signature from a school administrator. In addition, please include a field trip request form or a Robinson on the Road program request form with your application. The application and request forms can be found at www.howardcountymd.gov/RNC/education.

What does the Sponsorship cover?

The sponsorship will pay for the entire program fee of the field trip or Robinson on the Road program, and will be paid directly to the nature center. Any bussing or other costs associated with a field trip are not covered by the sponsorship.

Are sponsorships available to other Title I schools?

Currently, sponsorships are only available for Howard County Title I Public Schools.

Friends of the Robinson Nature Center is pleased to provide sponsorship opportunities for field trips to the Robinson Nature Center, and Robinson on the Road programs at your school. Friends of the Robinson Nature Center is an informal membership organization established by the James and Anne Robinson Foundation to support environmental education at the Robinson Nature Center.

Booking & Information

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