

# ANS School Programs

Nature-based learning for schools in Maryland & DC



## Two options for schools:

**Woodend Nature Sanctuary Field Trips** | Visit Mon - Fri at our 40-acre headquarters, 8940 Jones Mill Road, Chevy Chase.

**Naturalist in Your Classroom** | Save on travel fees and let us teach in your classroom or nearby park.

## NATURE BUS AVAILABLE!



Have us pick up your group and enjoy a field trip to our sanctuary. We will transport **up to 25 students and 2 adults**. Offer limited to groups within 10 miles of the sanctuary. Contact us for pricing and availability.

## PROGRAM FEES:

1-hour field trip or naturalist visit:

\$8 per student (\$160 minimum)

1-hour field trip + 1-hour garden visit:

\$12 per student (\$200 minimum)

Stream Study Program

\$10 per student (\$300 minimum)

**Title 1 school discounts available**

Environmental science programs with ANS are designed to meet Next Generation Science Standards and Maryland Green School certification requirements. Programs highlight ecological systems and environmental stewardship for Grades PreK-8. **Programs also available in Spanish!**

# Elementary Schools

## Sanctuary Field Trips

**Discovery Hunt** | On a nature walk full of sensory exploration, look under logs, listen for birds, and touch trees as we explore local biodiversity and observe creatures in their natural habitats.

**Life Cycles** | Investigate seasonal life cycles of animals and insects, learn about complete vs. incomplete metamorphosis, and observe life cycle adaptations of various organisms.

**Habitats** | Explore our forest, meadow, and pond ecosystems while learning about the adaptations that allow various creatures to survive in these habitats.

**Compost & Decomposers** | Dig through soil and compost to examine insects, worms, and other amazing decomposers that we depend on for nutrient cycling.

**Learning Garden** | Discover the seasonal wonders in our garden through an exploration of senses with plants, soil, microbes, seeds, insects, and more! Program can be tailored for your group.

## Naturalist in Your Classroom

**Wonderful Worms** | Explore the anatomy and role of these amazing decomposers and conduct simple experiments on their preferred habitat conditions.

**Papermaking** | Get hands-on experience making your own recycled paper from old newsprint and explore ways to reduce paper waste at school.

**Green Cleaners** | Learn about pollution from harmful cleaning chemicals and commit to a healthier environment by making an effective, eco-friendly desk cleaner for your class.

**Garbology** | Investigate the "science of garbage" in this look at what your school throws away every day.

**Watersheds** | Use a watershed model to examine human impacts on water quality and how we affect the Chesapeake Bay.

**Geology and Rocks** | Become a geologist while exploring rock formations and using the Mohs scale to identify different minerals. (Best for Grade 2 and above)

**Our Specialty: Stream Study for Elementary or Middle Schools** | Analyze the health of a stream near your school by testing water chemistry and searching for aquatic organisms. NOTE: This program requires 1.5 hours per class and the fee is \$10 per student (\$300 minimum.)

*Most programs are designed to be ONE HOUR but can be adapted as needed. Can't find exactly what you're looking for? Let us design a program for you!*

Questions? E-mail: [Serenella.Linares@anshome.org](mailto:Serenella.Linares@anshome.org)

# Middle Schools

## Sanctuary Field Trips

**Geology and Rocks** | Venture into plate tectonics and rock processes as you become a geologist, examining rock formations and learning to identify rocks on a hike.

**Weed Warriors** | Investigate ways that non-native weeds impact local ecosystems. Learn to identify key invasive species and be introduced to removal and control strategies.

**Stream Friends** | Learn about human impacts on local watersheds, working together to collect trash from stream banks in the vicinity of Woodend while also learning to sample "Creek Critters" (benthic macroinvertebrates) as indicators of water quality.

## Naturalist in Your Classroom

**Weather and Climate** | Distinguish between weather and climate, investigate the roles of greenhouse gases and water in energy transfer from the sun, and learn to forecast weather.

**Litter Busters** | Construct a "Trash Timeline" to examine waste, identify strategies for reducing waste at school and at home, and work together to remove litter from the schoolyard or local park.

**Micro Odyssey** | Observe the fascinating world of unseen creatures as you learn microscopy techniques to observe plant structures, animals, and microbes.



Woodend Sanctuary (ANS Headquarters) | 8940 Jones Mill Road | Chevy Chase, MD 20815

**REGISTER ON-LINE:** [anshome.org/teachers](http://anshome.org/teachers)