



WNC Nature Center Academic Guide 2017-2018

We also offer In-School Field Trip Programs!

The WNC Nature Center now offers in-school field trips within 50 miles of Asheville, NC. Let our educator bring 30-minute, hands-on programs and *living animal ambassadors* to your classroom. Select one of our standard offerings or call us to discuss custom options for your grade, topic or NCSCOS standard!

Head, Shoulders, Knees and Toes (Pre-K: APL-3, APL-4, K.L.1.2)

Different types of animals all have very different, specialized body parts, including us! Everyone will have to work together to build animals that fly, slither, or walk right in our own backyards. Students will play animal dress up, sing, and meet a live animal guest they can touch.

Run, Slither, Swim (Pre-K: APL-3, APL-4, HPD-4, K.P.1.2)

There are a lot of different types of animals in this world and they all move in special ways. We'll be moving about the room in animal fashion, discovering an author who writes about how animals travel, and meeting a special animal guest in this program focusing on movement styles, restrictions, and abilities of various animals.

Fact or Fiction (Grades K-5: K.L.1, 1.L.1, 2.L.2.2, 4.L.1, 1.H.1.2)

We have some amazing wild neighbors and some equally amazing rumors about who they are, where they live, and what they can do. We will be on our feet and moving around during our wildlife true or false game, where we'll discuss snakes to cougars, black bears to box turtles.

Forest Sounds (Grades K-5: 1.L.1.1, 4.L.1.2, 5.L.2.3)

Our sense of sight is key to our feeling of security; we often fear things we only hear. Learn why animals make different sounds, how sounds change seasonally, and what you can interpret just by listening. Then we'll use natural instruments to create a soundscape for a group story.

Animal Habitats (Grades K-5: 1.L.1.1-2, 1.L.2.2, 2.L.1.1-2, 5.L.2.1, 5.L.2.3)

A place to live is essential for survival. Some animals have adapted to living in many different types of habitats and some have very specific requirements. Students will learn about habitats such as streams, meadows, and forests, as well as what animals live in them during this hands-on program.

Protect Our Wild Backyards (Grades 4-8: 1.L.1.1-3, 4.L.1.1, 4.L.1.3, 5.L.2.3)

Backyards are a great place to start learning how to protect local wildlife! Participants will learn what a healthy habitat looks like, then work in groups to practice designing their own backyard animal habitat. We'll also introduce citizen science programs as a method to participate in authentic scientific research.

Animals After Dark (Grades 4-8: 4.L.1.2, 4.L.1.3, 5.L.2.3, 6.L.2.3, 8.L.3.2)

Ever wondered about the animals that become active after we go to sleep? We'll learn about opossums, owls, bats, and more during this nocturnal animal program. Students will learn to identify animal sounds, explore biofacts, and be introduced to a live nocturnal animal guest.

In-School Program Fee: \$1 per student. No additional costs or travel fees! Minimum \$50 payment required to reserve a program, but we're happy to provide programs for 10 to 150+ students.

Fur, Feathers, and Scales auditorium program available on request. Call for cost/details.

Field Trip Information

Go Wild! The WNC Nature Center is a great place for a field trip. View over 60 species of native animals (including river otter, black bear, cougar, red and gray wolf), enjoy the outdoors and get involved in STEM.

Opportunities for Groups of 10 or More Students:

- 30-60 Minute Guided Programs
- Self Guided Visits
- In-School Field Trip Programs

All guided programs are available Monday through Friday, August – April; no programs are available in May. *In-School Programs and Self Guided Visits are available all year!*



Group Admission Fees

Home School Groups (10+ children with reservation) for Self Guided Visit:

- Asheville City Home School (Pre-K-12th) \$3.95 + 7% tax per student or adult
- Non-Asheville Resident Home School \$4.95 + 7% tax per student or adult

Public & Private Schools (10+ children with reservation) for Self Guided Visit:

- Asheville City Schools (Pre-K-12th) \$3.95 + 7% tax per student or adult
 - Non-Asheville Resident Schools \$4.95 + 7% tax per student or adult
- (School teachers, teacher assistants, and professional bus drivers free)*

Guided Program Fee (add this to the Admission Fee above)

- \$1 per program per student/adult chaperone

** Membership benefits cannot be redeemed for free admission for students during group visits.*

To Schedule a Program

Please fill out the **Reservation Request Form** on our website and email it to kmastin@ashevilenc.gov or call (828) 259-8082 to schedule your trip!

WNC Nature Center Asheville's Wildlife Park

75 Gashes Creek Road
Asheville, NC 28805
Telephone (828) 259-8080
Fax (828) 298-2644

www.wncnaturecenter.com



WNC Nature Center

Field Trip Guide 2017-2018

Discovery Programs: Interactive Nature Experiences in 30 minutes

Snakes and Turtles

Grade Level: K – 12th NC Essential Standards:

K.L.1.1, 1.L.2.2, 2.L.1.1, 3.L.1.1, 4.L.1.2, 5.L.1.2, 6.L.2.3, 7.L.1.4, 8.L.3.2

What makes reptiles special? Explore the ecology and biology of turtles and snakes in this hands-on session. Compare and contrast native reptiles through discussion or age-appropriate games/activities. You'll even get to meet a couple of our live ambassadors!

Wild Tales

Grade Level: K – 1st NC Essential Standards: K.L.1.2, SL.K.2, 1.L.1.1-2, SL.1.2

Animals have been a part of stories from ancient legends to modern bedtime tales. Join us for the Cherokee story of the first fire and a current animal biography. Students will take part in the tales and meet some living animal characters.

Masters of Metamorphosis

Grade Level: K – 2nd NC Essential Standards: K.L.1.2, 1.L.2.2, 2.L.1.1-2

Metamorphosis is a special way of growing up, unique to insects and amphibians. Meet a live animal "metamorphosis master," role play the life cycle of a butterfly, and sculpt a play-doh tadpole into a frog.

Down on the Farm

Grade Level: K – 4th NC Essential Standards: K.L.1-2, 1.L.1, 2.L.1.1, 4.L.1.2-3

Discover the steps of wool production, play a sleuth game with farm clues, and be a bee in a pollination simulation. This adventure connects animals to agribusiness, food production, and even human culture. Teacher/chaperone participation required.

Nature At Night

Grade Level: 2nd – 6th NC Essential Standards: 2.P.1.2, 3.L.1.2, 4.L.1.4, 5.L.2.3, 6.L.2.3

Nature doesn't go to sleep at night – owls, opossums, and a whole different cast of animals come out after the sun goes down. Analyze unique survival adaptations such as camouflage, hearing, sight, and echolocation as you compare your senses with those of local nocturnal animals.

Cubs & Kits Programs: 30 minutes of Animal Fun for Pre-K

Colors of Nature (CD-11, CD-14, CD-15)

Green, brown, gold, and red. All our colors can be found in nature, and each color generally can tell us something special. Practice color matching, play a camouflage game, and appreciate the beauty of our natural world.

Our Five Senses (CD-1, CD-14, CD-15)

Sight, touch, taste, smell, and hearing: these are our five senses, but they are the same ones animals use. Compare your senses to those of different animals—look through compound eyes like an insect, identify by touch like a raccoon, smell like a snake and more!

Animal Story Time (LDC-8, CD-5, CD-14)

Counting, moving, sounds, and more. Join us for fun stories, silly songs, and *wild* games to learn about the native animals of the Appalachians.

Investigation Programs: Hands-on Animal Science in 60 minutes

Crafting A Habitat

Grade Level: K – 1st NC Essential Standards: K.L.1.2, 1.L.1.1, 1.L.2.2

What does an animal really need? Take a mini-tour to analyze how the Nature Center designs habitats for some of our resident animals. Students will then put their creativity to the test by working in teams to construct their own mock habitats.

Life Cycles

Grade Level: 2nd NC Essential Standards: 2.L.1.1-2

Investigate metamorphosis and other changes animals experience as they grow up. Match the stages of various animals from newborn to adult, observe and sketch a living life cycle, and role play the life cycle of a bird.

Locomotion: Anatomy and Physiology

Grade Level: 3rd NC Essential Standards: 3.L.1.1

Examine animal movement through multiple stations. Compare and contrast anatomical differences between animal species. Move like an animal to discover the various muscle groups within our body. Calculate how far animals travel in our Migration Map challenge. Create an animal's story using tracks.

Avian Attributes

Grade Level: 4th NC Essential Standards: 4.L.1.2, 4.L.1.4

Examine the world of birds to explore how animals' adaptations help them survive. Students observe and analyze a live raptor and then work collaboratively to construct a unique species from a mix of bird heads, bodies, and feet and design the perfect habitats for their creations.

Zoo Ecosystems

Grade Level: 5th NC Essential Standards: 5.L.2.1-3

How do we recreate a habitat for a wild animal? Go behind the scenes to see how we create homes for our resident animals accounting for biotic, abiotic, and human factors, then work collaboratively to design your own habitat for new species.

Wild About Wildlife Guided Tour

Grade Level: 1st – 12th, 60 minutes

Learn more about native wild animals as you tour animal habitats and visit the fox, raccoon, cougar, bobcat, coyote, and wolf habitats. Natural science concepts such as behavioral adaptations, food chains, communication and other survival techniques will be covered. *See website for curriculum correlations.*

Self Guided Visit

Available for *any* Grade Level

Discover the Nature Center at your own pace and use our animals and facilities to meet your own educational goals. Sketch the cougars, practice map reading skills, go on an animal alphabet search, or just have fun exploring! Age-appropriate scavenger hunts will be provided upon registration.

