

EDUCATION PROGRAMS

It's no secret that the quality of our lives is directly connected to the quality of our environment. FENCE programs are designed to:

1. Increase awareness and appreciation of the natural world
2. Promote understanding and respect for the environment
3. Teach conservation of nature's resources

NC/SC SCIENCE CURRICULUM GOALS

All of our programs are designed to enlighten and engage students in active learning. The goals and objectives of our programs are based on the North/South Carolina Science Curriculum. The specific curriculum goals that correlate with each program are listed under the program title.

SCHEDULING A PROGRAM

Choose the program(s) you would like your students to participate in and the date(s) that work best for you. Let us know how many classes, the number of students in each class, and what time you would like to start the program.

Reservations are made on a first come, first serve basis. They must be made at least two weeks in advance.

To schedule a program or if you have any further questions please contact: Tracie Hanson, Director of Nature Education, at (828) 859-9021 or natureeducation@fence.org

COST

All FENCE education programs are free of charge. We bring all the materials and supplies needed for each program.

KINDERGARTEN

FENCE COMES ALIVE

NC: 1.01, 1.02, 1.03, 1.04, 1.05
SC: K-2.1, K-2.4

This program brings the animals that live at FENCE to your classroom. We discuss the differences between wild animals and pet animals and the precautions you should take around wild animals.

COME TO YOUR SENSES

NC: 3.03 SC: K-1.1

In this program we explore the five senses: touching, seeing, hearing, tasting, and smelling. We compare our senses to those of animals and talk about what happens when one of our senses is taken away.

WASTE WISE

NC: 3.01, 3.04, 3.05 SC: K-5.2

Students are introduced to the idea of recycling. We talk about what it means to recycle and why it is important. They learn what the recycling symbol looks like, where it is found, and what it means. We also discuss what items can and can't be recycled in Polk county specifically.

INCREDIBLE BATS

NC: 1.01, 1.02, 1.05 SC: K-2.1, K-2.4

This program explores the wonderful world of the bat. We discuss the different types of bats, their wings, what they eat, where they live, and why they are important.

1ST GRADE

SOMETHING FISHY

NC: 1.02, 1.03, 1.04, 1.05

Discover the parts of a fish and what they need to survive in their habitat. Understand how different types of adaptations help fish to survive.

5TH GRADE (CONT.)

FORCE & MOTION

NC: 4.01, 4.02, 4.03, 4.0, 4.05

Students will discover that force and motion are the two most important concepts in science. They will experiment with the ideas of inertia, momentum, friction, and gravity.

LANDFORMS

NC: 2.01, 2.02, 2.03, 2.05, 2.07

In this program students learn about the different types of landforms and how they are formed through erosion, deposition, and weathering.

ECOSYSTEMS

NC: 1.01, 1.02, 1.03, 1.04, 1.05, 1.06, 1.07

This program explores what an ecosystem is, the different types of ecosystems that exist across the world, and what kinds of plants and animals are found in each type of ecosystem.



Nature & Science Education Catalog



FOOTHILLS EQUESTRIAN NATURE CENTER

3381 Hunting Country Rd.
Tryon, NC 28782

Phone: (828) 859-9021

Fax: (828) 859-9315

www.fence.org



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3381 Hunting Country Road • Tryon, NC 28782 • 828.859.9021 • Fax 828.859.9315

1ST GRADE (CONT.)

COLOR IS SCIENCE

Learn the colors of the rainbow while experimenting with prisms and color wheels. We discuss where color comes from and the differences between primary and secondary colors.

MAD ABOUT MAMMALS

NC: 1.02, 1.03, 1.04, 1.05

Learn how mammals have traits that make them different from all other animals. We discuss the different kinds of mammals and how they are similar to one another and how they are different.

WIGGLY WORMS

NC: 1.02, 1.03, 1.04, 1.05

Students delve into the world of the worm. We discuss worm anatomy and why worms are important. To end the program, we make wormeries for the kids to take home.

FENCE COMES ALIVE

NC: 1.02, 1.03, 1.05

This program brings the animals that live at FENCE to your classroom. We discuss the differences between wild animals and pet animals and the precautions you should take around wild animals.

HOME SWEET HOME

NC: 1.01, 1.02, 1.03, 1.04, 1.05

This program focuses on the types of habitats animals live in and the basic survival needs animals require from their habitat. We explore different animal homes and animal adaptations that help them survive in their specific habitat.

BONKERS FOR BIRDS

NC: 1.02, 1.03, 1.04, 1.05

Students learn what makes birds different from other animals. We discuss bird anatomy and the adaptations that help birds survive in the wild.

ROOTS, SHOOTS, & LEAVES

NC: 1.01, 1.03, 1.04, 1.05
SC: 1-2.1, 1-2.2, 1-2.3, 1-2.4, 1-2.5, 1-2.6

Learn the structure of a plant and the function of each part. We discuss what a plant needs to survive and why they are important to life on earth.

2ND GRADE

WHAT'S THE MATTER

NC: 3.01, 3.04, 3.05

Hands on experiments teach students what matter is and the different forms it comes in: solid, liquid, and gas.

WHERE IT'S AT HABITAT

NC: 1.01, 1.02, 1.03, 1.04

This program touches on plant and animal life cycles and move immediately into the difference between living, once living, and nonliving organisms.

SOUND OFF

NC: 4.01, 4.02, 4.03, 4.04, 4.05

This noisy program teaches students that all sound comes from vibrations. We explore how our voices make sound and how our ears hear them.

WASTE WISE

Students discover the difference between a renewable and nonrenewable resource, why recycling is important, and which things can and cannot be recycled.

3RD GRADE

I SPY THE FOOD WEB

This program deals with food chains/webs found within ecosystems. We explore what is needed in an ecosystem to sustain life, what components make up a food chain and thus a food web, and what happens when a food chain/web is disturbed. We focus our investigations on the owl. The students dissect owl pellets to explore what makes up an owl's food chain.

COLOR ME GREEN

NC: 1.03, 1.04, 1.06

This "delicious" program is designed to promote an appreciation of plants as life-sustaining elements of the natural world. The students discover what parts of the plant they can eat and have a choice to sample a variety of edible plants.

INSECTS & OTHER CREEPY CRAWLIES

From the forest floor to your backyard this program explores the largest category of animals on earth: insects. We discuss the harmful and helpful attributes of these organisms while they make their very own bug creation from an egg carton.

PLANET EARTH & BEYOND

NC: 3.02, 3.06

Students will go home talking about the Moon, Sun, and Stars. They will learn about the rocks and minerals that help form our planet as well as the constellations in the night sky.

THE HUMAN BODY

NC: 4.01, 4.02, 4.03, 4.05

This program focuses on the body systems that make up the human body. We specifically target the skeletal system and discuss the different kinds of bones and joints that form our body.

4TH GRADE

FOSSIL FACTS

NC: 2.04

Explore prehistoric times through FENCE's fossils. We learn how fossils are formed, what things we find in fossils and why they are important to scientists today.

NATURE'S WEB

NC: 1.01, 1.02, 1.03, 1.04, 1.05

This program explores animal adaptations and variations in animal species that help creatures survive in their particular habitat. Students get to experience the different ways animals eat through one of our activities.

ROCK & MINERALS

NC: 2.01, 2.02, 2.03, 2.04, 2.05, 2.06

In this program students get a deeper understanding of what rocks are made of and how they are formed. We talk about how we use rocks and minerals in our everyday lives and also how rocks are grouped into three categories: igneous, metamorphic, and sedimentary.

5TH GRADE

STATIC IN THE AIR

Learn why static electricity is around us and how it is formed. The student will discover the different types of static and if they can create static electricity themselves.

WEATHER YOU LIKE IT OR NOT

NC: 3.01, 3.02, 3.03, 3.04

This program demonstrates how the temperature of the air causes changes in weather. They explore the three roots of weather: water, wind, and air pressure.