

KINDERGARTEN

ALL ABOUT BATS

K.L.1.1, K.L.1.2

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

COME TO YOUR SENSES

K.E.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.

FENCE COMES ALIVE

K.L.1.1, K.L.1.2

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

OBJECTS IN MOTION

K.P.1.1, K.P.1.2

Explore motion in this program. Students learn how to describe the motion of an object or organism. We discover how and why things move the way they do.

WASTE WISE

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.

WEATHER & SEASONS

K.E.1.2, K.E.1.3

This program introduces students to the idea of weather. We learn how weather can change from day to day and also from season to season.

1ST GRADE

BONKERS FOR BIRDS

1.L.1.1, 1.L.1.2, 1.L.2.2

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

COLOR OF SCIENCE

Students 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.

FENCE COMES ALIVE

1.L.1.1, 1.L.1.2, 1.L.2.2

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.

SOMETHING FISHY

1.L.1.1, 1.L.1.2, 1.L.2.2

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.

HOME SWEET HOME

1.L.1.1, 1.L.1.2, 1.L.2.2

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.

MAD ABOUT MAMMALS

1.L.1.1, 1.L.1.2, 1.L.2.2

Learn that 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.

5TH GRADE

ECOSYSTEMS

5.L.2.1, 5.L.2.2, 5.L.2.3

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.

ENERGY & MATTER

5.P.2.2, 5.P.2.3, 5.P.3.1, 5.P.3.2

Students study the concept of heat energy and the types of heat energy that exist. We also study the types of change matter can undergo and how and why matter undergoes that type of change.

FORCE & MOTION

5.P.1.1, 5.P.1.2, 5.P.1.3, 5.P.1.4

Students 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.

BODY SYSTEMS

5.L.1.1, 5.L.1.2

Learn about the human body by discovering the organs and organ systems that make everything happen.

WEATHER YOU LIKE IT OR NOT

5.P.2.1, 5.E.1.1, 5.E.1.2, 5.E.1.3

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.



Project FENCE Catalog



FOOTHILLS EQUESTRIAN NATURE CENTER

3381 Hunting Country Rd.
Tryon, NC 28782

Phone: (828) 859-9021

Fax: (828) 859-9315

www.fence.org

1ST GRADE (CONT.)

PUSH & PULL

1.P.1.1, 1.P.1.2, 1.P.1.3

This program introduces students to the types of forces that exist in the world around us and how those forces affect the movement of objects.

ROCKS & SOIL

1.E.2.1, 1.E.2.2

Unearth rocks, minerals, and soil in this program. We learn about the materials that make up the earth and how they are useful in our lives. Students analyze soil samples and discover what it is made of.

ROOTS, SHOOTS, AND LEAVES

1.L.1.1, 1.L.1.2, 1.L.2.1

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.

WASTE WISE

1.L.1.3

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.

WIGGLY WORMS

1.L.1.1, 1.L.1.2, 1.L.2.2

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.

2ND GRADE

SOUND OFF

2.P.1.1, 2.P.1.2

This "noisy" program teaches student that all sound come from vibrations. We explore how our voices make sounds and how our ears hear them.

REDUCE, REUSE, RECYCLE

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

WEATHER

2.E.1.1, 2.E.1.2, 2.E.1.3, 2.E.1.4

Students uncover what weather is all about. We learn about different types of weather, the water cycle, cloud types, and the instruments used to measure weather conditions.

WHAT'S THE MATTER

2.P.2.1, 2.P.2.2

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

LIFE CYCLES

2.L.1.1, 2.L.1.2, 2.L.2.1, 2.L.2.2

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

3RD GRADE

THE HUMAN BODY

3.L.1.1, 3.L.1.2

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.

3RD GRADE (CONT.)

I SPY THE FOOD WEB

Students 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.

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

3.E.1.1, 3.E.1.2

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.

COLOR ME GREEN

3.L.2.1, 3.L.2.2, 3.L.2.3, 3.L.2.4

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.

STATES OF MATTER

3.P.2.1, 3.P.2.2, 3.P.2.3

Students investigate matter more in depth. We learn about mass, density, volume, and buoyancy.

MOTION

3.P.1.1, 3.P.1.2, 3.P.1.3

Students get the chance to understand motion and the factors that affect it. We explore gravity and how forces affect speed and direction of objects.

4TH GRADE

FOOD & BODY

4.L.2.1, 4.L.2.2

Discover what food is made up of and why it is important for our bodies. Students also learn how to distinguish between healthy and unhealthy food and how to make better food choices.

FOSSIL FACTS

4.E.2.1, 4.E.2.2, 4.E.2.3

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

4.L.1.1, 4.L.1.2, 4.L.1.3, 4.L.1.4

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.

PHASES OF THE MOON

4.E.1.1, 4.E.1.2

This program will explain how day and night are related to the rotation of the Earth around the sun. We also learn about the phases of the moon and why the moon's appearance changes throughout the year.

ROCK & MINERALS

4.P.2.2, 4.P.2.3

In this program we discuss how we use rocks and minerals in our everyday lives and also how rocks are grouped into three categories: igneous, metamorphic, and sedimentary.

STATIC IN THE AIR

4.P.1.1, 4.P.1.2, 4.P.3.1, 4.P.3.2

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