

2005-2006 Elementary Program Offerings UGA Warnell Forest Education Center

New Programs!

At the UGA Warnell Forest Education Center, we strive to offer innovative and fun educational programs that not only teach students about Georgia's forest resources but also reinforce the curriculum being taught in the classroom. That is why this year we are happy to announce a new program list that has been updated to correspond to the new Georgia Performance Standards.

Kindergarten

Soil Rocks!

Did you know soil is more than just dirt? In this program, students will learn what soil is, how it is formed and why soil is important. Emphasis will be placed on having students use their senses and powers of observation to distinguish between different soil types.

GPS: Science SKE2b, SKE2c, SKP1a; Social Studies SSKH3a; ELA KR5b; Math MKM1

Meet the Trees

All trees look the same, don't they? In this activity, students will hone their scientific observation skills by learning how to look at details to identify several species of trees on a nature hike. Then they will test their identification skills during a "Leaf Relay."

GPS: Science SKL1c, SKL2b, SKL2e; Math MKM1, MKG1a

First Grade

Every Tree for Itself!

Through a variety of hands-on activities, students will learn about the basic needs of a tree including: the different tree parts, how trees grow and the things trees need to survive. Each student will have the opportunity to create their own personal tree cookie and participate in a role-playing game emphasizing how trees compete with each other for resources to stay alive.

GPS: Science: SIL1a, SIL1c

Second Grade

Where's Wal-Mart?

Have your students ever wondered how people survived without modern conveniences such as grocery stores and shopping malls? They will find out during this program about Georgia's first peoples, the Creek Indians. After learning how the Creek utilized native plants for food, clothing, shelter and medicine, students will participate in a role-playing activity that will teach them the importance of oral tradition in the Creek culture and how to recognize several poisonous forest plants.

GPS: Social Studies SS2H2

Patterns of Change

A fundamental concept in ecology is that ecosystems are ever changing. During the course of this program, students will learn about patterns of change in forest ecosystems by examining various forest habitats.

GPS: Science S2L1

Third Grade

Soil Stories

Did you know that soils have parents and belong to families? Students will learn about how soil is formed from rocks through processes such as weathering and erosion, how soils are classified according to various characteristics and how different soil characteristics affect plant growth.

GPS Science S3E1c, S3E1d

How Do They Live There?

In this program, students will have the opportunity to discover some of the unique adaptations plants and animals have developed to help them survive in Georgia's forest habitats by examining several native species up close.

GPS: Science S3L1, S3L2

Fourth Grade

Oh Deer!

In wildlife biology, the ability of a habitat to support wildlife is called carrying capacity. By pretending to be a deer herd, students will learn about the concept of carrying capacity and the relationship between populations of organisms and their environment.

GPS: Science S4L1, S4L2; Math M4G3, M4A1

Fifth Grade

If it Walks Like a Duck and Quacks Like a Duck is it a Duck?

Students will learn about classification of organisms and genetic inheritance by debating and challenging the scientific concept of a species. They will then create their own organisms and be

challenged to classify their creations.

GPS: Science S5L1, S5L2

To Make a Program Reservation Contact:

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2005-2006 Middle School Program Offerings UGA Warnell Forest Education Center

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Sixth Grade

Georgia's Water Resources: A Drop in the Bucket

Georgia is facing serious issues with regards to water. During this program, students will learn about the amount and availability of water on Earth, the importance of the water cycle and how past, present and future local water issues affect their daily lives.

GPS: Science S6E3

Renewable or Not?

Students often do not know which resources are renewable and which are nonrenewable or which are recyclable or reusable. In this activity, students will learn what these terms mean and discover why sustainable use of natural resources is so important.

GPS: Science S6E6

Seventh Grade

Tree ID and Dichotomous Keys

The ability to use a dichotomous key is a necessary scientific skill. In this program, students will learn how to use a key to identify many common tree species. Then they will test their skills by creating their own key for a group of organisms and challenge their classmates to a "Keying Competition."

GPS: Science S7L1

Georgia's Water Resources: Wetland Delineation and Development

Students will learn about the importance of Georgia's forested wetlands by role-playing

different stakeholder groups in a hypothetical wetland development project. This two-part program consists of one day in the classroom and one day in the field at the wetland site.

GPS: Science S7L4

Population Ecology of the Gopher Tortoise
Using the endangered gopher tortoise as a model, students will learn the basic principles of population ecology including energy transfer and predator-prey relationships. This program requires one day in the classroom, one day in the field and one day for data analysis.

GPS: Science S7L5

Eighth Grade

Georgia's Forest History

Did you know that live oaks and pine trees were responsible for the European's interest in the New World? Or that the woods you see around you are less than 100 years old? Find out why Georgia's natural resources were, and still are, a major driving force behind the economic and social success of our country. During a trail hike through the woods, students will learn about Georgia's rich forest history, from pre-European settlement to present day, and gain some insights into what the future holds.

GPS: Social Studies SS8H1b SS8H1c, SS8H5c, SS8G1, SS8E1

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