

Arboretum Adventures

Target Grade Level: K-2

Program Length: 1 hour (K); 2 hours (1st-2nd grade)

Limit: 4 classes

Cost: \$3.00/student

Exciting explorations of the Arboretum encourage students to use their observation and inquiry skills to increase science proficiency. Teachers may choose two activities (Kindergarten) or four activities (1st and 2nd grade) from the following list for each Arboretum Adventure:

What's the Buzz About Bees? Students will explore an observation bee hive learn the basics of bee biology. Then students discover first-hand how hard bees work as they use a proboscis to collect nectar in the nectar-collector relay races!

Seeds Are Special. Students will take a close-up look at a variety of seeds and learn what seeds need to survive.

What Do You See? Students hone their sense of sight while learning about different plant parts on this scavenger hunt in the Shade Garden.

Soil Is Super. What is the most important thing at the Arboretum? Students will discover what components make up soil and how they affect plant life.

Creating Compost. Students will learn what compost is, why it is beneficial, and how to make it. Be prepared to meet the heavyweights of the decomposition world!

Fun With Flowers. All flowers are not created equal. Students take a very close look at some of the flowers in the Arboretum and investigate their different parts.

Trees Are Treasures. Students will meet some unusual trees in the Arboretum and discover how trees function from the inside out.

Take a Closer Look. Students will become familiar with the structure and function of trees as they combine a lesson in botany with their artistic abilities to explore the world of conifers.

Water Wonders. Students will discover that plants play a large part in the water cycle as they learn the paths that water can take through the environment

Go Wild!

Target Grade Level: 3rd

Program length: 2 hours

Limit: 4 classes

Cost: \$3.00/student

Discover rare and endangered plants, investigate adaptations, and explore native East Texas ecosystems as you take a guided hike through the SFA Pineywoods Native Plant Center. Experiential activities create a positive learning atmosphere for students and teachers. Students collect and analyze water samples, create rope from plant material, and learn about the benefits and uses of native plants.

Wild About Science

Target Grade Level: 4th

Program length: 2 hours

Limit: 4 classes

Cost: \$3.00/student

Students participate in work performed by science professionals. They will participate in data collection, tree measurement, and water analysis and learn about seasons in East Texas. Fun, hands-on activities connect science to real-life situations.

Earth Science Exploration

Target Grade Level: 5th

Program Length: 2 hours

Limit: 4 classes

Cost: \$3.00/student

Meet ancient rocks and real-life examples of constructive and destructive forces on this adventurous Learning Excursion. Activities focus on the water cycle, soil, erosion and observing geologic processes present at the Pineywoods Native Plant Center. Students will participate in a scavenger hunt, games, and hands-on investigations to make earth science come to life.

Wild About Wetlands

Target Grade Level: 4th-8th

Program Length: 2-3 hours

Limit: 25 students

Cost: \$3.00/student

In this in-depth investigation of wetlands, students learn about hydric soils, characteristic wetland plants, the importance of watersheds, and the water cycle. Students also collect and analyze macro-invertebrates to determine the health of a wetland at the Pineywoods Native Plant Center.

13th Annual Bugs, Bees, Butterflies, and Blossoms Festival

Grades K-3

April 23, 24, 25, 26 and 27, 2012

SFA Mast Arboretum

Cost: \$4.00/student

Join representatives from, the SFA Mast Arboretum, Pineywoods Native Plant Center, Pineywoods Beekeepers Association, and the SFA Department of Elementary Education for this popular field day. Students will explore forest habitats, plant and animal adaptations, and the world of pollinators through hands-on activities.

Scheduling Information

All Learning Excursions may be scheduled by using the reservation form below, by calling the Education Office at 936.468.1832, or by e-mail to erodewald@sfasu.edu. Reservations will be confirmed when payment is received.

Reservations are required at least two weeks in advance for all programs. ***To ensure a safe and enjoyable visit, one adult for every ten students is required.***

Questions? Call Elyce Rodewald, Education Coordinator, at 936.468.1832.

Tips for a Great Field Trip

1. Schedule at least one adult for every 10 students
2. Arrive 5-10 minutes early so that students are ready to go at the scheduled time
3. Students should dress for the weather and wear old clothes they don't mind getting dirty
4. Students should wear name tags with first names in large letters

2011-2012 Learning Excursions Reservation Form

Names of Teachers _____

School Name _____

School Address _____

Phone Number _____ Alternate Phone Number _____

Email _____

Program Date Requested _____ Alternate Date _____

Grade Level _____ Number of Students _____

Program Requested:

Arboretum Adventures (Choose four activities from the list in the Learning Excursions Brochure):

Bugs, Bees, Butterflies, and Blossoms (Check time preference below):

____ 9:00 a.m.-11:00 a.m.

____ 11:30 a.m.-1:30 a.m.

GardenQuest

Earth Science Exploration

Go Wild!

Wild About Wetlands

Method of Payment:

Purchase Order # _____ Bill to: _____

Check enclosed

Visa Master Card American Express Discover

Credit Card # _____ Exp. Date _____

Signature _____

Mail registration form and payment to: Learning Excursions, SFA Mast Arboretum, PO Box 13000-SFA Station,
Nacogdoches, TX 75962-3000.

Questions? Call the Education Office at 936.468.1832 or email erodewald@sfasu.edu.