**Garden Exploration**

Target Grade Level: Kindergarten

Program Length: 1 hour

Limit: 4 classes

Cost: $3.50/student

Fun explorations of the Arboretum encourage students to use their observation and inquiry skills to increase science proficiency. Teachers may choose two activities (Kindergarten) from the following list for each Garden Exploration.

- **Bees are Beautiful**  Students will explore an observation bee hive and learn the body parts of the honey bee.
- **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.
- **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!

Teacher resource packet with pre-visit information and and post-visit activities included.

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**Arboretum Adventures**

Target Grade Level: 1st-2nd

Program Length: 2 hours

Limit: 4 classes

Cost: $3.50/student

Exciting explorations of the Arboretum encourage students to use their observation and inquiry skills to increase science proficiency.

- **What’s the Buzz About Bees?**  Students will explore an observation bee hive and 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.

- **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.

- **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.

Teacher resource packet with pre-visit information and and post-visit activities included.
Go Wild!

Target Grade Level: 3rd  
Program length: 2 hours  
Limit: 4 classes  
Cost: $3.50/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. Teacher resource packet with pre-visit information and post-visit activities included.

Wild About Science

Target Grade Level: 4th  
Program length: 2 hours  
Limit: 4 classes  
Cost: $3.50/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. Teacher resource packet with pre-visit information and post-visit activities included.
Earth Science Exploration

Target Grade Level: 5th
Program Length: 2 hours
Limit: 4 classes
Cost: $3.50/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. Teacher resource packet with pre-visit information and post-visit activities included.

Wild About Wetlands

Target Grade Level: 4th-8th
Program Length: 2-3 hours
Limit: 25 students
Cost: $4.00/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. Teacher resource packet with pre-visit information and post-visit activities included.
Annual Bugs, Bees, Butterflies, and Blossoms Festival

Grades K-3
April 25, 26, 27, 2016
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. Teacher resource packet with pre-visit information and post-visit activities included.

Lumberjack Pumpkin Patch

Grades Pre-K4 - I
October 15-19
Walter C. Todd Agricultural Research Center
Cost: $5.00/student, $10 per sibling or adult, complimentary teacher admission (limit 2 per class)

Children will enjoy learning about pumpkins and more on this hands-on, interactive field trip. The program includes a teacher resource packet, tractor-drawn hayride and a pie pumpkin for each student.
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
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:

- Garden Exploration (Choose two activities from the list in the Learning Excursions Brochure):
  1. __________________________________________________________
  2. __________________________________________________________

- Arboretum Adventures

- 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.

- Earth Science Exploration

- Go Wild!

- Lumberjack Pumpkin Patch (Check time preference below):
  - 9:00 a.m.-11:00 a.m.
  - 11:30 a.m.-1:30 a.m.

- 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.    Fax:  936-468-1195

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