

HarvestWorks Educational School Farm Tours

General Information Sheet & Curriculum Guide

Grades served at this time: Pre-kindergarten through Third Grade

Cost: Depending on tour \$5, \$8, or \$12 a child, Teachers free

Deposit: No Deposit Needed!

Maximum: Approximately 100 students per tour

Student/Adult Ratio – 10/1

Location:

891 North Post Rd.
Shelby, NC 28150

Times:

- 9:30 – 11:00 or 12:30 – 2:00 (*Earth Science & Farm Life Tour*)
- 9:30 am to approximately 1:30 Pm (*Earth & Life Tour*)

Booking: Go to harvestworksinc.org/shelby-petting-zoo.html

for more information and the following forms:

1. Planning Your Trip
2. Registration Forms
3. Visitor Safety Sheet



Summary:

HarvestWorks farm provides opportunities for students to experience NCSCOS objectives hands-on in an interesting and fun setting. Studies of farm components will be presented in interactive lessons. Students will be brought into the main area by wagon and allowed to pet the miniature animals. Students will also take part in an educational puppet show and various demonstrations and other activities. They will also see a wide variety of other crops with discussion of the differences between organic and commercially grown produce. The tour is guided by several staff.

TEACHERS! Please do not email us unless you've added the email address tours@HarvestWorksInc.org to your email contacts. And please do what you need to do to prevent our replies from getting kicked back or our messages from going into your spam folder. Thanks!

Revised 12/17/2009

School Farm Tours Curriculum

Below are some of the NCSCOS goals and objectives included in experiences at HarvestWorks, Inc School Farm Tours. Areas covered include science, social studies, and more for all grades.

Goals:

Animals: Various objectives--interactions with other animals and humans; similarities and differences; needs and care; behaviors, etc.

Plants: Various objectives--needs in order to flourish; effects of weather; earth materials and soil components; pollination and germination; NC crops and organic gardening; foods and their origins

Plants and Animals: Various objectives covered through descriptions of objects and organisms using senses; sorting; patterns; sounds

Social studies: producers and consumers

Teachers will be able to coordinate to other objectives and create follow-up activities in art, writing, and speaking.

The following is more specific NCSCOS goals and objectives per grade that HarvestWorks, Inc. School Farm Tours will meet (others may be included as the program is further developed).

KINDERGARTEN:

Science Goal 1

The learner will make observations and build an understanding of similarities and differences in animals including:

- 1.02 Observe how animals interact with their surroundings.
- 1.03 Observe the behaviors of several common animals.
- 1.04 Demonstrate how to care for a variety of animals.
- 3.03 Describe how objects look, feel, smell, taste, and sound using their own senses.

FIRST GRADE:

Science Goal 1

The learner will make observations and build an understanding of similarities and differences in animals including: structure, growth, changes, and movement.

- 1.01 Investigate the needs of a variety of different plants: air, light, water, space.
- 1.02 Investigate the needs of a variety of different animals: air, water, food, shelter, space.
- 1.04 Identify local environments that support the needs of common North Carolina plants and animals.
- 1.05 Discuss the wide variety of living things on Earth.
- 2.03 Observe the various components that combine to make soil.
- 2.05 Explore where useful earth materials are found and how they are used.

SECOND GRADE:

Competency Goal 1:

The learner will conduct investigations and build an understanding of animal life cycles.

- 1.01 Describe the life cycle of animals including: birth, developing into an adult, reproducing, aging and death.
- 2.04 Identify and use common tools to measure weather: wind vane and anemometer, thermometer, rain gauge.

THIRD GRADE:

Competency Goal 1: The learner will conduct investigations and build an understanding of plant growth and adaptations.

- 1.02 Observe and describe how environmental conditions determine how well plants survive and grow in a particular environment.
- 1.03 Investigate and describe how plants pass through distinct stages in their life cycle, including growth, survival and reproduction.
- 1.05 Observe and discuss how bees pollinate flowers.

Goal 2: The learner will conduct investigations to build an understanding of soil properties.

- 2.01 Observe and describe the properties of soil: color, texture, capacity to hold water.
- 2.04 Identify the basic components of soil: sand, minerals, water

