

DATE: August 16, 2001
TIME: 60 minutes

GROUP: K-4
ACTIVITY: Tour of Farm

**ALSTEDE FARMS
SAMPLE LESSON PLAN**

SUBJECT: Vegetable Production and Farm Animals

LESSON SUMMARY: Students will gain a foundation and basic understanding of vegetable production. In addition, the farm provides a farm animal experience that includes a variety of farm animals.

OBJECTIVES:

- To gain familiarity with the variety of vegetables produced on this farm.
- To introduce students to the fundamentals of fruit and vegetable production.
- To introduce students to farms animals and their characteristics and care.

TOPIC	DISCUSSION ACTIVITIES	TIME
FARM LOCATION	History of the Farm History of Our Operation Crops Grown Safety While on the Farm	10 minutes
FARM ANIMALS	Name and Breed of Farm Animals Animals Nutrition Characteristics of Each Kind of Animal How Do They Grow Where Did We Get Them	15 minutes
HAYRIDE TOUR OF FIELDS or TOUR OF GREENHOUSE (Winter)	Identification of Crops Grown Crop Rotations Farm Machinery How they are planted When they are planted How do they grow (Temperature Control – Greenhouse) Fertilization Harvest Use of Crops	10 minutes
IRRIGATION	Source of Water Importance of water Watering Frequency Watering Systems	5 minutes
HARVESTING (Pumpkins-Fall) (Strawberry/Raspberry – Summer) (Planting Activity – Winter)	Types & Sizes When are They Planted Green & Ripe Fruit or Vegetable Selecting	10 minutes
WRAP UP	Discussion& Questions Special Activities	10 minutes

EXERCISE:

1. List the various fruits and vegetables seen growing.
2. Discuss what factors will influence what crops are planted.
3. Discuss the care each animal requires.
4. Discuss when crops are harvested.

- ALSTEDE FARMS CONTINUED -

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RESOURCES:

ALSTEDE FARMS, <http://www.alstedefarms.com/>

Oklahoma Cooperative Extension - Oklahoma Garden Planning Guide

<http://www.agweb.okstate.edu/pearl/hort/vegetables/f-6004.pdf>

** University of Arkansas Extension - The Garden Spot

http://www.arhomeandgarden.org/Vegetables/Planning&Preparing/The_Garden_Spot.asp

** University of Illinois Extension - Planning a Garden

<http://www.urbanext.uiuc.edu/tog/planning.html>

Oklahoma State Livestock Breeds Library

<http://www.ansi.okstate.edu/BREEDS/SWINE/>

Oklahoma State University - Breeds of Sheep

<http://www.ansi.okstate.edu/breeds/SHEEP/>

Oklahoma State University - Breeds of Livestock - Cattle

<http://www.ansi.okstate.edu/breeds/cattle/>

Rutgers Cooperative Extension Publications <http://www.rce.rutgers.edu/>

FS129 Planning a Vegetable Garden

E221 Creating a Master Plan for Greenhouse Operations

FS097 Strawberries in the Home Garden I: Establishing Planting

FS098 Strawberries in the Home Garden II: Maintenance