

DATE: August 7, 2001
TIME: 60 minutes

GROUP: K-4
ACTIVITY: Hayride Tour of Vegetable Production

**SPRINGDALE FARM MARKET
SAMPLE LESSON PLAN**

SUBJECT: Vegetable Production

LESSON SUMMARY: Vegetables are an important part of a person's diet. Fresh vegetables have a different and better taste than processed vegetables. Students will gain a foundation and basic understanding of the growing and management practices necessary to achieve optimum vegetable production.

OBJECTIVES:

- To gain familiarity with large number of vegetable kinds and varieties.
- To introduce students to the fundamentals of weed, disease and pest management
- The students will know how to properly select quality vegetables
- Students will learn what tasks must be performed at a vegetable farm to produce and market a quality vegetable crop

TOPIC	DISCUSSION ACTIVITIES	TIME
FARM AND MARKET LOCATION	History of the Farm & Market Location Family Business Safety During the Lesson	5 minutes
VEGETABLE KINDS AND VARIETIES	Market Demand Kinds of Vegetables Grown Varieties of Vegetables Grown Native Crops for this Area	10 minutes
PLANTING	Soil Type Soil Preparation Planting Date for Crops Seeds and Plants Location and Rotation of Crops	10 minutes
MANAGEMENT	Irrigation Weed Control Insect & Disease Control Bees and Pollination	10 minutes
HARVEST AND MARKETING	When to Harvest How to Harvest Washing Grading Units of Measure Display Preparation for Eating	15 minutes
WRAP-UP	Discussion Questions	10 minutes

EXERCISE:

1. List the various vegetables and fruit for sale at the market.
2. Discuss what factors will influence the variety of vegetables and fruit planted and sold.
3. Discuss why water is important for vegetable and fruit production.
4. Discuss why plant pests must be controlled
5. What is the difference in fresh versus processed fruit and vegetables.

- SPRINGDALE FARM MARKET CONTINUED -

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RESOURCES:

Springdale Farm and Market

<http://www.springdalefarms.com/>

Arizona Cooperative Extension - Seed for the Garden

<http://ag.arizona.edu/pubs/garden/mg/vegetable/seed.html>

** Oregon State University Extension - Choose disease-resistant varieties for orchard and garden

<http://eesc.orst.edu/agcomwebfile/garden/Gardening/diseaseresistant.html>

** Virginia Cooperative Extension - Designing a Successful Vegetable Garden

<http://www.ext.vt.edu/news/releases/050498/dsgnsucc.html>

** 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>