

DATE: August 16, 2001
TIME: 60 minutes

GROUP: K-4
ACTIVITY: Tour of Vegetable Farm and Market

**MUZZARELLI FARMS
SAMPLE LESSON PLAN**

SUBJECT: Vegetable Production and Marketing

LESSON SUMMARY: Vegetables are an important part of a person's diet. 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 fresh vegetables.
- Students will learn what tasks a vegetable farmer must perform to produce and market a quality vegetable crop.

TOPIC	DISCUSSION ACTIVITIES	TIME
FARM & MARKET LOCATION	History of the Farm & Market A Family Business Safety During the Lesson	5 minutes
VEGETABLE KINDS & VARIETIES	Kind of Vegetables Grown Varieties of Vegetables Grown Need for Different Crops	10 minutes
PLANTING	The Weather and the Seasons Soil Preparation Planting Date for Crops Seeds and Plants Location and Rotation of Crops	10 minutes
MANAGEMENT	Fertilization Irrigation Weed Control Insect & Disease Control Bees and Pollination	10 minutes
HARVEST & MARKETING	When to Harvest How to Harvest Washing Grading Units of Measure for Packing/Selling Display	10 minutes
WRAP-UP	Farm Market Craft Using Farm Produce Sample Cider, Apple or Other Discussion/Questions	15 minutes

EXERCISE:

1. List the various vegetables seen.
2. Discuss what factors will influence the variety of vegetables planted and sold.
3. Discuss why water is important for vegetable production.
4. Discuss how fresh vegetables are marketed.
5. What is the difference in fresh versus processed fruit and vegetables.

- MUZZARELLI FARMS CONTINUED -

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RESOURCES:

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 Illinois Extension - Planning a Garden

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

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

FS129 Planning a Vegetable Garden

EO79 New Jersey Vegetable Pest Control Recommendations for Home Garden