

DATE: August 9, 2001
TIME: 55 minutes

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

DUFFIELD'S FARM MARKET
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 a variety of vegetables.
- To introduce students to the fundamentals of weed, disease and pest management
- The students will know how to select quality vegetables.
- Students will learn the tasks involved on a vegetable farm in order to produce and market a quality crop.

| TOPIC | DISCUSSION ACTIVITIES | TIME |
|-----------------------|--|------------|
| VEGETABLE VARIETIES | Kinds of Vegetables Grown Varieties of Vegetables Grown | 10 minutes |
| PLANTING | Soil Conservation Soil Preparation Planting Date for Crops Seeds & Plants Location & Crop Rotation | 10 minutes |
| MANAGEMENT | Irrigation Weed Control Insect & Disease Control Bees & 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 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 why plant pests must be controlled.
5. What is the difference in fresh verses processed vegetables.

- DUFFIELD'S FARM MARKET CONTINUED -

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RESOURCES:

Duffield's Farm Market, <http://www.duffieldsfarm.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, Publication f-6004

<http://www.agweb.okstate.edu/pearl/hort/vegetables/index.html>

** 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>