

**DATE:** August 6, 2001  
**TIME:** 60 minutes

**GROUP:** K-4  
**ACTIVITY:** Walking Tour of Orchard

**STONEYFIELD ORCHARD  
SAMPLE LESSON PLAN**

**SUBJECT:** Apple Production

**LESSON SUMMARY:** Apple trees are one of the most popular fruit trees in the world and will live about 35 years if properly nurtured. Students will gain a foundation and basic understanding of process and tasks to produce apples.

**OBJECTIVES:**

- To gain familiarity with apple types and varieties
- To introduce students to the fundamentals of growing fruit
- The students will know how to select and handle apples
- The student will appreciate what tasks an orchard operator must perform

TOPIC	DISCUSSION ACTIVITIES	TIME
ORCHARD LOCATION	Geographic Location History of the Orchard Safety Rules Soil Type Climate & Seasons	10 minutes
TYPES AND VARIETIES OF APPLES	Uses for Apples Varieties Grown in this Orchard Parts of the Tree Other Fruit Grown	10 minutes
PLANTING	Soil Preparation Tree Spacing Standard vs. Dwarf Trees	5 minutes
ORCHARD MANAGEMENT	Pruning Rodent Control Insect & Disease Control Thinning of Fruit	10 minutes
HARVEST & MAKETING	Washing Grading Packing Containers Sizes &Types Cooling & Storage Making Cider	15 minutes
WRAP-UP	Questions Samples –Cider or Apple	10 minutes

**EXERCISE:**

1. List the various colors of apples seen.
2. Discuss what influence the variety of apple trees planted.
3. Discuss why orchardists prune tree limbs.
4. Discuss why orchardists thin the fruit.

**- STONEYFIELD ORCHARD CONTINUED -**

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**RESOURCES:**

International Apple Institute, McLean VA

U.S. Apple Association, [www.usapple.org](http://www.usapple.org)

NJ apple varieties: [www.state.nj.us/agriculture/appletypes.htm](http://www.state.nj.us/agriculture/appletypes.htm),

NJ apple facts: <http://www.state.nj.us/hangout/apple.html>