

Suggested Pre-Field Trip Activities for Apple Cider at Wood Lake Nature Center

Vocabulary

- Pollination
- Solid vs. liquid vs. gas
- Apple cider press
- Matter “State of Matter”
- Simple machine (wheel, lever, inclined plane etc.)

*Review vocabulary.

*Have students review what pollination is and how it occurs. Also, discuss what animals help pollinate plants (i.e. insects).

*Review what simple machines are and have students give an example of one simple machine that helps them everyday.

*Discuss all of the things nature provides to help apple trees grow healthy (connect to 1st grade class “Soil, Plants & Bees”). They include; water, soil, sunshine, air, space, and honey bees and other insects needed for pollination.

*Have students categorize pictures in groups of solids, liquids and gases.

Suggested Post-Field Trip Activities for Apple Cider at Wood Lake Nature Center

*Review vocabulary.

*Have students make a list of all of the simple machines they encounter/use throughout the day (i.e. skateboard, bus, feet, arms, steps, eating utensils).

*Create a mural that has apple trees in all four seasons (branches, blossoms, young apples, mature apples).

*Make an apple recipe as a class (apple crisp, apple pie, etc) or have an apple taste test activity with a few different varieties (students could make observations about each, for example the apple’s color, taste, size, etc.).

*Make a class chart with examples of solid, liquid and gases and compare their properties to one another. Have students experiment with all three properties at stations.

*Play a mock Jeopardy game and have the categories “Solid, Liquids and Gases”. Steer answers to examples of each and properties of each state of matter.

*Hold a Simple Machines Olympics with a variety of games with machines.

