

Jennifer Soderberg
Arts, Environment, and the Child
Fall 2005
Lesson Plan Outline

Plants and People Need Each Other!

Grade Level: Kindergarten (Maribeth Simmons)

Topic Areas: Science
 -Leaves/Plants (Observation)
 Art
 -Drawing

Materials: Leaves
 Magnifying Lenses
 Drawing Supplies
 Tree Journals

Preparation:

On the day before the lesson, have children collect a leaf from home and bring it to school the next day to work with. The children who do not bring leaves from home can go outside during the school day and collect a leaf to use for the lesson.

If possible, cover the letter L a day or two before the lesson.

Lesson:

1. Discuss how plants use air, and why leaves are important:
 -Leaves change sunlight into energy through photosynthesis:
 When the leaves breathe in carbon dioxide, they mix it with water from the roots. This is how the plant makes oxygen. All people and animals need oxygen to live.

-When we breathe, we breathe in oxygen and breathe out carbon dioxide.

-When leaves breathe, they breathe in carbon dioxide and breathe out oxygen.

-People give carbon dioxide to the plants so that they can live.

-Plants give oxygen to people so that they can live.

-Plants and people need each other!

2. Ask the following questions:

-Do all leaves look alike?

-What do leaves do?

-Why do people need plants and leaves?

-Why do plants need people?

3. Give children time to look at their leaves with the magnifying lenses. Have the children draw a picture of their leaf in their Tree Journals. They could also make leaf prints or leaf rubbings.

Resource: Brouillette, Jennifer. Observe A Leaf. www.lessonplanspage.com. Viewed 10/29/2005.