

IDENTIFICATION

INSTRUCTOR: Leah Hamilton _____
UNIT TOPIC: Plant Structures and Plant Physiology _____
LESSON TITLE: Identifying Plant Structures _____
CLASS: HORT 362 _____ DATE BEST TAUGHT any _____
TEKS: 119.51 3a _____

OBJECTIVES (TSWBAT---The student will be able to...)

- Label major parts of stems, leaves, and roots on a worksheet with 100% accuracy.
- Identify types of leaf margins and leaf types on a worksheet with 100% accuracy.
- Create a workbook using leaves we collected from the school grounds with 100% participation.

TEACHING MATERIALS AND RESOURCES (What do you need to bring?)

- "Bank Robber" picture
- "Plant Morphology" worksheets
- "Plant Morphology" overhead
- "Plant Morphology Definition" worksheets
- "Leaf Margin and Leaf Type" handout
- Glue
- Stapler
- Markers

TEACHING PROCEDURES---Preparation, Presentation, Application, Evaluation

Preparation (Interest Approach/Motivator)

Key Points	Methods
Motivation: Show class "Bank Robber" picture. Ask them to describe the robber's appearance. Write descriptive words on the board. How do you think horticulturalist describe plants when they can't see the plant in person?	Teacher led discussion
Link: Yesterday we discussed plant functions, but there are specific parts of the plants that help perform those functions.	Lecture
Overview: Today we're going to list the major parts of stems, leaves, and roots. We'll also identify different leaf margins and leaf types. We'll finish up by going outside to find leaves with various characteristics. We'll use these leaves to make a workbook we can use in the future.	Lecture

Presentation (The Meat!)

Key Points	Methods
Pass out "Plant Morphology" worksheet and "Plant Morphology Definition" worksheet. Students should label the stem, leaf, and root parts while defining them on the definition worksheet. Students will read definitions aloud as they label.	Teacher Led Discussion
Pass out "Leaf Margin and Leaf Type" worksheet. Discuss the differences in the different leaf margins and leaf types with class.	