

Intermediate Trees Unit

Lesson: Diversity Detectives

Length: 30 min.

Objectives:

1. Students will state the names of intermediate trees in the redwood understory within Pamplin Grove.
2. Students will identify characteristic parts of trees, such as branch orientation, leaf shape, bark texture, color, etc.
3. Students will recognize the importance of diversity to an ecosystem.

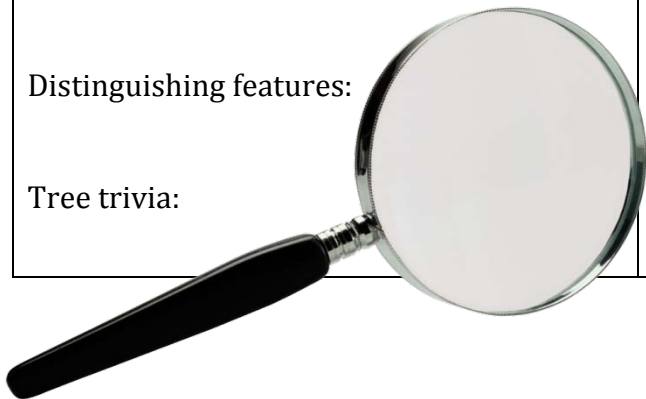
Activity:

Warm-up:

1. In groups of 2-3, students will explore the trees lining the field area. They will be asked to try to list as many *different* types of trees as they can find, paying close attention to how they distinguish among the trees. Since they will most likely not know all of the official tree names, they will be encouraged to give trees names.
2. After 10 min. or so, the groups will reconvene to discuss findings. Each group will announce how many different types of trees it found. Discussion will be led with the following questions:
 - What did you look at to tell whether the trees were different?
(Possible answers might be leaves, size, branches, etc.)
 - Did you group any trees together? How were you able to separate similar trees?
(Students may group deciduous and evergreen trees, those with flowers/cones/catkins)
 - Can each group give us one name that they gave a tree? How did you come up with that name?
(Focus on looking at names that help to describe the tree to help remember.)
3. For the last 10-15 minutes, docent will provide the real names of the trees and describe interesting facts, uses and other helpful information.

Diversity Detectives

Name of tree: Distinguishing features: Tree trivia:	Name of tree: Distinguishing features: Tree trivia:
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Names: _____ & _____