

Grade Level: K-12 Alaska State Content Standards: SA14 Subject: Science Skills: Classification, Observation Duration: 1 class period Group Size: 2 Setting: outdoors

OBJECTIVE

Students will observe, classify, and illustrate plants and animals of the boreal forest and tundra.

TEACHING STRATEGY

Through a field trip, students observe a boreal forest or tundra ecosystem.

MATERIALS

- Blindfolds (1 for 2 students)
- <u>Blind Walk</u> student worksheet (1 each)
- Don't Tear Me Apart or Crush My Home

PROCEDURE

 Before visiting the boreal forest or tundra review the "<u>Don't Tear Me</u> <u>Apart or Crush My Home!</u>" handout. Talk to the students about preserving natural areas and why these areas should be left as undisturbed as possible.

- Explain that the students will be divided into partners. Each person will have the chance to be blindfolded, using only the sense of touch and smell to observe his/her surroundings. Discuss the responsibility that each student has for his partner's safety. The leader should gently guide his blindfolded partner being very careful to watch for logs, low branches, uneven ground, prickers, etc.
- Take students to your designated area and have them follow the directions on their <u>Blind Walk</u> worksheets.
- 4. After returning the classroom, discuss their observations as well as

their notebook pages. Ask the following questions:

- a) What was the most interesting thing you observed?
- b) Where your observations different without the use of your eyes? If so, how and why?
- c) Where you able to find a specific plant previously observed once the blindfold were removed? Was it hard or easy? Why?

EVALUATION

Use the worksheets as an evaluation tool.

REFERENCES

Adapted with permission from <u>Alaska</u> <u>Wildlife Week Unit 5 Alaska's Forests...</u> <u>More Than Just Trees</u>, by Susan Quinlan, Alaska Department of Fish and Game, 1987 and <u>Alaska Wildlife Week</u> <u>Unit 6: Alaska's Living Tundra</u>, by Susan Quinlan, Alaska Department of Fish and Game, 1988.