



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELNEW Tribal School, Brentwood Bay BC

Teacher: Berkeley Lott	Grade Level: Gr. 7	Subject: seeds, seedlings, planning a vegetable garden, edible native plants in spring, invasive species identification, native plant restoration
Lesson Title: CENKI,LES! Native Plants & Garden Transplanting	Time Needed: 55 mins	Date: April 12 2016

BC Min of Ed Learning Outcomes addressed in this lesson:

- Social Studies K to 7 (2006) 7 apply critical thinking skills including comparing, classifying, inferring, imagining, verifying, using analogies, identifying relationships, summarizing, and drawing conclusions ñ to a range of problems and issues
- Science K to 7 (2005) 7 analyse the roles of organisms as part of interconnected food webs, populations, communities, and ecosystems
- Science K to 7 (2005) 7 assess survival needs and interactions between organisms and the environment
- Science K to 7 (2005) 7 assess the requirements for sustaining healthy local ecosystems
- Science K to 7 (2005) 7 evaluate human impacts on local ecosystems

Objectives -Through these learning activities, the student will demonstrate the ability to:

- Recall how to prepare a vegetable garden bed
- Talk about planning the garden
- Review Seeding Chart to figure out what to plant
- Pick out plants and seeds to plant
- Plant seeds and transplants
- Review forest and meadow native plants
- Identify invasive species in the native plant garden
- Practice restoration and transplanting techniques
- Learn SENĆOFEN names for native plants

WORKSHOP ACTIVITIES

Time	Activity
2min	Opening Circle: introduce workshop instructors, review what we learned in past workshops (what do you remember)? How was the feast for you? What did you enjoy? Ground rules for working with the garden (respectful use of tool, respect for shared space). Introduce today's activities.

Break into 2 groups

Instructional Activities

(Checking for Understanding, modeling, guided practice, independent practice)

Vegetable Garden:

25mins

1. Students gather tools, seedling flats, and a wheelbarrow or two of sea soil/compost and bring to their courtyard garden.
2. Discuss the importance of macro nutrients in the soil (nitrogen, phosphorus and potassium) and prepping a bed for planting.
3. Have students amend the beds and get them ready for planting tell the others how they prepped beds last Tuesday
4. Students talk about planning the garden, and review seeding chart
5. Students choose seeds and transplants to plant.
6. Plant the gardens (greens, brassicas, peas)
7. Students label and date the plants and make a plan to plant warmer weather plants.

Native Plants:

25mins

1. Discuss native plants, explore some of the plants in the native plant nursery (KEXMIN Indian consumption plant *Lomatium nudicaule*, ÍO,PEŁĆ Devil's club *Oplopanax horridus*, TI,IŁĆ Yerba Buena *Satureja douglasii*)
2. Observe the plants growing in the native plant gardens (KŁO'EL *Cammassia spp*, TĒLIÍ ELP Yarrow *Achillea millefolium*, JSÁY Douglas fir *Pseudotsuga menziesii*, DEWĪ,EŁĆ Grand fir *Abies grandis*, KĒLĶE IŁĆ Nootka rose *Rosa nutkana*), check in about some of the differences between forest and meadow ecosystems
3. Identify invasive species in native plant gardens
4. Do invasive removal and transplant native plants into the native plant gardens

2mins

Closing Circle: Review what we learned today and list any favourite foods. HÍ,SWĶE for your work!

Materials Needed:

- SeaSoil or Finished Compost and Wheelbarrow
- Seeds, seedlings, pots, soil. Trowels, Gloves
- Seeding Chart
- Labels and pens to make signs
- Shovels
- Assorted native plants for observing and transplanting

Please fill out our feedback forms and leave them in the envelope at the front office!

HÍ,SWĶE SIÁM!