



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELÑEW Tribal School, Brentwood Bay BC

Lesson Title: Trees: Food, Medicine and Materials

Grade Level: 4/5

Subject: Transplanting in the garden, learning about native trees and their SENĆOFEN names, food as medicine

Time Needed: 45mins 12:30-1:00

Date: April 7th, 2015

BC Min of Ed Learning Outcomes addressed in this lesson:

- Science 4 make predictions, supported by reasons and relevant to the content
- Science 4 use data from investigations to recognize patterns and relationships and reach conclusions
- Science 4 compare the structures and behaviours of local animals and plants in different habitats and communities
- Science 4 demonstrate awareness of the Aboriginal concept of respect for the environment
- Science 4 determine how personal choices and actions have environmental consequences (waves, travels in all directions)
- Science K to 7 (2005) 5 analyze how the Aboriginal concept of interconnectedness of the environment is reflected in responsibility for and caretaking of resources
- Science K to 7 (2005) 5 describe potential environmental impacts of using BC's living and non-living resources
- Science K to 7 (2005) 5 identify methods of extracting or **harvesting** and processing BC's resources
- Social Studies K to 7 (2006)4 apply critical thinking skills including comparing, imagining, inferring, identifying patterns, and summarizing selected problems and issues
- Social Studies K to 7 (2006)4 gather information from a variety of sources
- Social Studies K to 7 (2006)4 identify alternative perspectives on a selected event or issue
- Social Studies K to 7 (2006)4 distinguish characteristics of various Aboriginal cultures in BC and Canada
- Social Studies K to 7 (2006)4 identify effects of early contact between Aboriginal societies and European explorers and settlers
- Social Studies K to 7 (2006)4 describe technologies used by Aboriginal people in BC and Canada
- Social Studies K to 7 (2006)4 describe technologies used in exploration, including:
 - Social Studies K to 7 (2006)4 food preservation
 - Social Studies K to 7 (2006)4 describe Aboriginal peoples relationship with the land and natural resources
- Social Studies K to 7 (2006)5 apply critical thinking skills including hypothesizing, comparing, imagining, inferring, identifying patterns, and summarizing to a range of problems and issues
- Social Studies K to 7 (2006)5 gather a body of information from a variety of primary and secondary sources
- Social Studies K to 7 (2006)5 explain why sustainability is important
- Social Studies K to 7 (2006)5 analyze environmental effects of settlement in early BC and Canada

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

- Observe annual vegetable plants germinating and growing
- Review what plants need to grow and the importance of healthy soil
- Talk briefly about food as medicine, taste some herbs

- Plan a garden patch
- Plant seeds and transplants

INSTRUCTIONAL ACTIVITIES:

Time	Activity
2mins	<p>Welcome to Spring and the PEXISEN Moon!</p> <p>What are some of the things we learned in the last lesson?</p> <p>Introduction to activities and ground rules (respectfully working with tools etc)</p>
40mins	<p>Instructional Activities (Checking for understanding, modeling, guided practice, independent practice)</p> <p>Veg Garden:</p> <ol style="list-style-type: none"> 1. Tour of the greenhouse to see the seedlings growing and talk about germination 2. Review everything plants need to grow 3. Talk about food as medicine and some of the herbs growing outside the greenhouse 4. Look at their garden bed and make a plan 5. Plant seeds and seedlings (greens seedlings), radishes, beets, peas, sunflowers <p>Native Plants:</p> <ol style="list-style-type: none"> 1. Tour trees in the JSÁY (Douglas Fir) native plant garden 2. Taste leaves and needles from TEXENILĆ (Indian Plum), DEWI,ELĆ (Grand Fir), JSÁY (Douglas Fir) and discuss properties and uses 3. Display and discuss XPÁY (Western Redcedar) roots and uses 4. Identify any other food plants in the native plant garden (student led)
2mins	<p>Knowledge Circle/Closing:</p> <p>To the students, what is one thing you learned today? What is one thing you wonder about? What do you love about spring? Thanks!</p>

Materials Needed:

- Seeds, seedlings, pots, soil, trowels, gloves
- Paper and pens to make a garden map
- Labels and pens to make signs
- Access to native plant area with a diverse sample of native trees
- Cedar roots and materials

Optional follow up activities/ questions:

- What trees can we use as food or medicine?
- Do you know their SENĆOŦEN names?
- What are other food plants that live in the forest?

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

HÍ,SWKE SIÁM!