



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELNEW Tribal School, Brentwood Bay BC

Lesson Title/Topic: **Native Plant
Garden Restoration**

Grade Level: 9-10

Subject: PEPÁKEN HÁUTW -
Blossoming Place, restoring native
plant gardens, learning SENĆOTEN
plant names, transplanting, garden
foods, native food ecosystems

Time Needed: 45 mins

Date: September 23, 2014

Standards/Benchmarks/PLO's addressed in this lesson:

Science 9 (2006)	9	compare sexual and asexual reproduction in terms of advantages and disadvantages
Science 9 (2006)	9/10	demonstrate ethical, responsible, cooperative behaviour
Science 9 (2006)	9	describe traditional perspectives of a range of Aboriginal peoples in BC on the relationship between the Earth and celestial bodies
Science 10 (2008)	10	explain the interaction of abiotic and biotic factors within an ecosystem
Science 10 (2008)	10	assess the potential impacts of bioaccumulation
Science 10 (2008)	10	explain various ways in which natural populations are altered or kept in equilibrium
Science 10 (2008)	10	evaluate possible causes of climate change and its impact on natural systems

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

- Investigate and form hypotheses based on acquiring knowledge from the environment and peers
- Compare plants in different stages of their lifecycles and discuss plant survival strategies
- Discuss the reasons why planting food is important
- Understand the cultural relevance of native plants

INSTRUCTIONAL ACTIVITIES:

Time	Activity
2mins	Introduction to workshop facilitators Ground rules for investigative learning (start with what you know, ask questions, make hypothesis- I think, I wonder, collaborate, test your idea, share, get a little dirty, use a knowledge circle) Break up into 2 groups
20mins	Garden Introduction: 1. Garden Investigations/Knowledge Share

What do you remember know from last year, or from other gardening experiences?

2. How do plants reproduce? Why are some plants standing up, how do they create seed? Brief talk about 'perfect' flowers and 'imperfect flowers'.

3. Cleaning out garden beds for fall planting

4. What to think about when transplanting (importance of not disturbing the root system, giving plants the space to grow, looking at where the sun is, making sure to water before and after transplanting, watering the soil, not the plant (understanding the functions of root systems)).

6. Transplanting greens - Kale and Tatsoi

20mins Native Plant Garden Restoration:

1. Weed and plant in native plant gardens

2. Discussion on Garry oak meadows as unique ecosystems

3. Transplanting food plants into Garry oak native plant garden

3. SENĆOTEN terms

2mins Knowledge Circle/Closing: (taking some notes at this time might be a good idea)

Why is it important that we grow food locally?

Why is it important that we save seed locally?

Materials Needed:

- Gloves
- Trowels
- Seedlings

Follow up Investigations (in class):

1. How do plants reproduce?
2. What are the components of soil?
3. What are Garry oak meadows?
4. Why are Garry oak meadows important to W̱SÁNEĆ?

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

HÍ,SW̱KE SIÁM!