



# PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU,WELNEW Tribal School, Brentwood Bay BC

Lesson Title/Topic: Putting the Garden to Bed	Grade Level: 4	Subject: Plant cycle and propagation: mulching, planting garlic, native plant propagation
	Time Needed: 45mins	Date: November 25, 2014

## BC Min of Ed Learning Outcomes addressed in this lesson:

- Science 4 compare the structures and behaviors 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
- 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 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 describe technologies used by Aboriginal people in BC and Canada
- Social Studies K to 7 (2006)4 describe Aboriginal peoples relationship with the land and natural resources

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

- Explore the season change in the garden
- Discuss the importance of soil health from a global and local perspective
- Learn how to plant garlic!
- Discuss the reasons mulch is important for soil health
- Learn about different ways plants reproduce and practice doing 'cuttings'

## 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 Instructional Activities (Checking for understanding, modeling, guided practice, independent practice)

Veg Garden:

1. Talk about the season change and how that effects the garden
2. What is soil made of? Making soil balls
3. Discuss why soil is important and how we can protect it
4. Clean beds, mulch and plant garlic in one bed- pointy ends up!

20mins Native Plants:

1. Plant propagation discussion: how do plants reproduce? sexual, asexual (with & without humans)
2. Plant propagation activity: KIDE, AN ELP (orange honeysuckle, *Lonicera ciliosa*), DAKEIŁĆ (salal, *Gaultheria shallon*) and TI, IŁĆ (Yerba buena, *Satureja douglasii*) cuttings
3. Apply leaves to ĆENÁŁĆ (Garry oak, *Quercus garryana*) and JSÁY (Douglas fir, *Psuedotsuga menziesii*) native plant gardens. Why is this important?

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

To the students, now that you have had an introduction into the garden, "What do you wonder about? How can you investigate further before we meet again?"

#### Materials Needed:

- **Garlic**
- **Gloves**
- **Trowels**
- **Mulch or leaves**
- **Native plants for cuttings**
- **secateurs (pruners)**

#### Optional follow up activities/ questions:

- Look up native plants discussed and their traditional uses. Why would we grow native plants?
- Discuss different ways plants reproduce and come up with examples
- Make an illustrated list of vegetables that grow in the winter garden!

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

**HÍ,SWKE SIÁM!**