



# PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU,WELNEW Tribal School, Brentwood Bay BC

Lesson Title/Topic: Putting the Garden to Bed	Grade Level: 5-6	Subject: Seed saving, mulching, planting garlic, native plant propagation
	Time Needed: 45mins	Date: October 14, 2014

## BC Min of Ed Learning Outcomes addressed in this lesson and follow up activities:

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	assess why immigrants came to Canada, the individual challenges they faced, and their contributions to society
Social Studies K to 7 (2006)	5	explain why sustainability is important
Social Studies K to 7 (2006)	5	analyse environmental effects of settlement in early BC and Canada
Social Studies K to 7 (2006)	6	assess the relationship between cultures and their environments
Science K to 7 (2005)	5	analyse how BC's living and non-living resources are used
Science K to 7 (2005)	5	analyse 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
Science K to 7 (2005)	6	analyse how different organisms adapt to their environments
Science K to 7 (2005)	6	explain obstacles unique to exploration of a specific extreme environment

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

- Understand why a plant puts energy into seeds
- Learn what seeds need and how to harvest them
- Understand how seeds travel, and are planted, and the potential impacts they have
- Discuss the reasons mulch is important for soil health
- Learn how to plant garlic!

## INSTRUCTIONAL ACTIVITIES:

Time	Activity
2mins	Knowledge Circle (meet at PEPÁKEN HÁUTW)  What are some of the things we learned in the last lesson (if applicable)?  An introduction to what we will do today including building soil and seed saving  Ground rules and things to remember, respectfully working with tools
20mins	Instructional Activities (Checking for understanding, modeling, guided practice, independent practice)  Veg Garden:  <ol style="list-style-type: none"><li>1. Seed Saving. How do we know that a seed is ready to harvest?</li><li>2. Talk about what a seed is, how it is dispersed, ask what seeds need- seeds need an environment that is cool, dark and dry for storage.</li><li>3. Collect seeds from garden, and put in class seed bank.</li><li>4. Clean, mulch and plant garlic in one bed- pointy ends up!</li></ol> Take home seed banks, or keep in classroom for further activities.  Native Plants:  <ol style="list-style-type: none"><li>1. Plant propagation discussion: how do plants reproduce? sexual, asexual (with &amp; without humans)</li><li>2. Plant propagation activity: KIDE, AN ELP (orange honeysuckle, <i>Lonicera ciliosa</i>), DAKEIŁĆ (salal, <i>Gaultheria shallon</i>) and TI, IŁĆ (Yerba buena, <i>Satureja douglasii</i>) cuttings</li><li>3. Apply ecosystem-appropriate leaves to ĆENÁŁĆ (Garry oak, <i>Quercus garryana</i>) and JSÁY (Douglas fir, <i>Psuedotsuga menziesii</i>) native plant gardens. Why is this important?</li></ol>
20mins	
2mins	Knowledge Circle/Closing:  To the students, what is one thing you learnt today? What is one thing you wonder about? Why is seed saving important? Thanks!

### Materials Needed:

- **Garlic**
- **Gloves & trowels**
- **Seed envelopes**
- **Pens for labeling**
- **Seed banks**
- **Mulch or leaves (ecosystem-appropriate for native plant gardens)**
- **Native plants for cuttings**

### Optional follow up activities/ questions:

- Utilize the many resources in the *Sow and Save* kit to continue to investigate seeds and seed saving.
- Look up native plants discussed and their traditional uses. Why would we grow native plants?

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

**HÍ, SWĶE SIÁM!**