



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELNEW Tribal School, Brentwood Bay BC

Lesson Title/Topic: Putting the garden to Bed	Grade Level: 1/2	Subject: Plant cycle and propagation: mulching, planting garlic, native plant propagation
	Time Needed: 45 mins	Date: November 25 th , 2014

BC Min of Ed Learning Outcomes addressed in this lesson:

Science K to 7 (2005)	1	classify objects, events, and organisms
Science K to 7 (2005)	1	classify living and non-living things
Science K to 7 (2005)	1	describe how the basic needs of plants and animals are met in their environment
Science K to 7 (2005)	1	describe the basic needs of local plants and animals (e.g., food, water, light)
Science K to 7 (2005)	1	describe activities of Aboriginal peoples in BC in each seasonal cycle
Science K to 7 (2005)	1	describe changes that occur in daily and seasonal cycles and their effects on living things
Science K to 7 (2005)	2	use their senses to interpret observations
Science K to 7 (2005)	2	describe ways in which animals are important to other living things and the environment
Science K to 7 (2005)	2	describe physical properties of air, water, and soil
Science K to 7 (2005)	2	distinguish ways in which air, water, and soil interact
Science K to 7 (2005)	2	explain why air, water, and soil are important for living things

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

- Explore the seasonal changes in the garden
- Understand the importance of soil
- 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,ĀN EĒP (orange honeysuckle, *Lonicera ciliosa*), DAḲEİĒĆ (salal, *Gaultheria shallon*) and TI,İĒĆ (Yerba buena, *Satureja douglasii*) cuttings
3. Apply leaves to ĆENĀĒĆ (Garry oak, *Quercus garryana*) and JSĀY (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,SWḲE SIÁM!