



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELNEW Tribal School, Brentwood Bay BC

Lesson Title/Topic: Plant Cycle and Propagation	Grade Level: 5/6	Subject: Plant cycle and propagation: planting garlic, native plant propagation
	Time Needed: 45 mins	Date: February 10, 2015

BC Min of Ed Learning Outcomes addressed in this lesson:

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

INSTRUCTIONAL ACTIVITIES:

Time	Activity
2mins	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	Veg Garden: <ol style="list-style-type: none">1. Talk about the season change and how that effects the garden2. What is soil, made of? Making soil balls3. Discuss why soil is important and how we can protect it4. Plant garlic in one bed- pointy ends up!
20mins	Native Plants: <ol style="list-style-type: none">1. Plant propagation discussion: how do plants reproduce? sexual, asexual (with & without humans)2. Plant propagation activity: growing plants from seeds! Students will be able to choose from multiple seeds (trees, flowers, medicinal herbs) and see how to use ecosystem-appropriate soil we use for each type of plant. We will also introduce the basic idea of mycorrhiza and microbiotic relationships by adding soil from native ecosystems into our soil mix.

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 plant seeds**
- **small buckets of soil from native ecosystems**

Optional follow up activities/ questions:

- Look up native plants discussed and their traditional uses. Why would we grow native plants?
- Discuss different ways of plant propagation and "hidden" relationships in the soil
- 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!