



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELNEW Tribal School, Brentwood Bay BC

Teacher: Anita Pilger	Grade Level: 5	Subject: life cycle of plants, seeding vegetables, transplanting native plants
Lesson Title: Plant Cycle & Propagation	Time Needed: 45 mins	Date: February 9 2016

BC Min of Ed Learning Outcomes addressed in this lesson:

- 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
- Social Studies K to 7 (2006) 5- apply critical thinking skills including hypothesizing, comparing, imagining, inferring, identifying patterns, and summarizing to a range of problems and issues
- 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- explain why sustainability is important

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

- Understand stages of plants life cycle
- Identify seeds and their parent plants
- Understand key components of healthy soil
- Mix potting soil and seed a flat of vegetable starts

WORKSHOP ACTIVITIES

Time	Activity
3min	Opening Circle: greetings, what do you remember from last time at PEPÁKEN HÁUTW? Break into 2 groups
20mins	Vegetable Garden: <ol style="list-style-type: none">1. Have a quick tour and taste of the garden2. Discuss the life cycle of annual plants3. Look at soil and discuss the components and why they are important4. Identify seeds with different plants5. Mix soil into flats, create rows, seed and label flats6. Talk about plant care

Native Plants:

20mins

1. Review plant life cycle and why transplanting is best done when the plant is “sleeping” (in the dormant stage).
2. Discuss meadow native plant garden and ask about plants that are already there with roots “hidden” under the ground (students may remember plants they have planted there)
3. Examine KŁO,EL (Camas, *Camassia quamash*) bulbs, student pick a few to transplant
4. Transplant KŁO,EL into meadow native plant garden
5. Talk about camas harvest

2mins

Closing Circle: What are the things you learned today? What do you wonder about? How can you investigate further before we meet again?

Materials Needed:

- Flats for seeding
- Seedling mix- or soil components
- Seeds
- Labels and pens
- KŁO,EL (*Camassia quamash*) bulbs for transplanting

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

HÍ,SWĶE SIÁM!