



PEPÁKEN HÁUTW Native Plants & Garden Education Program

LÁU, WELNEW Tribal School, Brentwood Bay BC

Teacher: Heather Bossence

Grade Level: 3

Subject: native pollinators, native plants that attract pollinators, mason bees

Lesson Title: Native Pollinators

Time Needed: 45 mins

Date: February 2 2016

BC Min of Ed Learning Outcomes addressed in this lesson:

- (Science) Compare familiar plants according to similarities and differences in appearance and life cycles
- (Science) Describe ways in which plants are important to other living things and the environment
- (Social Studies) Demonstrate a sense of responsibility for the local environment
- (Processes of Science) Ask questions that foster investigations and explorations relevant to the content

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

- Understand the importance of pollinators in ecological systems
- Discuss what pollinators do
- Learn the habitat requirements for the blue orchard mason bee
- Build a temporary mason bee home
- Learn about native plants that attract pollinators
- Transplant native plants

WORKSHOP ACTIVITIES

Time	Activity
15min	Opening Circle: introduce facilitators and reminder of respect of the space and others. Discuss what pollination is and why it is important for food systems and other ecological systems. Show pictures of pollinators, and have children explore the pollinator display Break into 2 groups
15 min	Instructional Activities (Checking for Understanding, modeling, guided practice, independent practice) 1. Discuss Mason bees, and pollinator habitat 2. Build a Mason Bee Condo 3. Read the Mason Bee Story (if time permits)
15 min	Native Plants: 1. Talk about different native plants and flowers (can students think of any?)

2. Show pictures of the flowers of WIWQ,ILC (Red flowering currant, *Ribes sanguinem*) and KIDE,AN ELP (Orange honeysuckle, *Lonicera ciliosa*) while examining these plants in pots in their winter (dormant) phase
3. Transplant these plants into the native plant garden!

Instructional Activities

(Checking for Understanding, modeling, guided practice, independent practice)

15 min

4. Discuss Mason bees, and pollinator habitat
5. Build a Mason Bee Condo
6. Read the Mason Bee Story (if time permits)

Native Plants:

15 min

4. Talk about different native plants and flowers (can students think of any?)
5. Show pictures of the flowers of WIWQ,ILC (Red flowering currant, *Ribes sanguinem*) and KIDE,AN ELP (Orange honeysuckle, *Lonicera ciliosa*) while examining these plants in pots in their winter (dormant) phase
6. Transplant these plants into the native plant garden!

Materials Needed:

- Pollinator pictures and display (optional)
- Pollinator costumes (optional)
- Materials for Mason Bee Condos: Masking tape, toilet paper rolls, non bleached paper, cardboard for roofs, elastic bands.
- Handouts for parents
- Mason Bee Laminated Book
- Potted native plants that attract pollinators
- Shovels or trowels for transplanting

Post Workshop Activity:

Please see additional educator resource for more information and activities on Native Pollinators.

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

HÍ,SWKE SIAM!