



BELLEVUE BOTANICAL  
GARDEN

**ATTENTION!!**  
**K Through 4th Grade Teachers**  
*Bellevue Botanical Garden Society*  
*Presents:*

**Living Laboratory Classes – Fall 2011**

**9:30 – 11am**

**Cost: No Charge**

**Bellevue Botanical Garden, 12001 Main St, Bellevue, WA 98004**

**Class Selection:**

**A. “Wood Works”** (Kindergarten) - Students discover modern wood products and those traditionally made by local Native Americans. They visit trees in the garden and forest, compare a variety of woods, and make a wood product to take home. Maximum Students: 52

**B. “Flower Power”** (Grade 1) - Students use hand lenses and microscopes to observe the parts of a flower, then learn their function by role-playing. In the Pollination game, students become the pollinators, and later make paper flowers and pollinators to take home. Maximum Students: 52

**C. “Super Soils”** (Grades 2) - Students compare the properties of pebbles, sand, clay (silt) and loam to determine their percolation rate, and the best soil for specific uses, including plants and water conservation. They visit the Alpine Rock Garden and plant Hens-and-Chicks plants to take home. Maximum Students: 32

**D. “Botanical Measurements”** (Grade 3) - Students weigh several soils to determine the correct soil mixture for the Hens and Chicks plants they take home. They are challenged to measure the height and circumference of trees at the Garden to select a “mast” for their “ship” as was done historically in this area. Maximum Students: 32

**E “Native Plants in our Lives”** (Grade 4) - As students walk along the wild trails at the Bellevue Botanical Garden, they learn to identify native plants and learn how they were used by local Native Americans. Students apply this information in a survival activity, handle Native American artifacts and build a model plank house wall. Maximum Students: 52

**Description:** All activities are aligned with the Washington State Science Essential Learnings (ELRS). During the 90-minute field trip to the Bellevue Botanical Garden, students will participate in hands-on activities inside the building and outside in the Garden. Please come prepared for all weather conditions. Please eat snacks before or after class time, except special needs students. **Note: The Living Lab field trips are not intended to be garden tours.** You will need to plan this on your own before or after your scheduled class time. A self-guided Treasure Hunt activity with a map of the garden can be requested at the time you schedule your field trip. Due to space limitations, usually only one class (30 students) is offered per field trip day, but we may be able to accommodate more. **For classes of 32 students or more, you must plan for a 2 hour field trip, so please make arrangements for lunch and bus schedules.**

Classes are offered on Mondays, Tuesdays and Wednesdays. Pre-registration is required. To register, please email Melinda, [livinglab@bellevuebotanical.org](mailto:livinglab@bellevuebotanical.org). **Once your reservation is confirmed, we will ask you for PHOTO PERMISSION** (we use photos for brochures and websites.) Classes fill quickly! Email early! We look forward to seeing you and your students at the Garden!



**Fall Session Dates:**

**September 26, Monday**  
**September 27, Tuesday**  
**September 28, Wednesday**

**October 3, Monday**  
**October 4, Tuesday**  
**October 5, Wednesday**

**October 10, Monday**  
**October 11, Tuesday**  
**October 12, Wednesday**

**October 17, Monday**  
**October 18, Tuesday**  
**October 19, Wednesday**

**October 24, Monday**  
**October 25, Tuesday**  
**October 26, Wednesday**