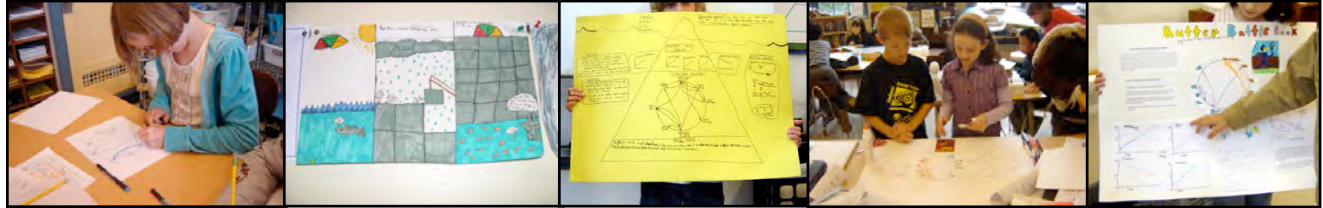


Waters Foundation-Systems Thinking in Schools Project Pacific NW Training Opportunity Developing Critical Thinking Skills Through Systems Thinking Strategies

Summer 2010 Portland, Oregon



Location

Hyatt Place – Portland Airport/Cascade Station
9750 NE Cascades Parkway, Portland, Oregon 97220

Dates

Option 1: July 12-16, 2010

Mon, July 12th – 4:00-6:00 p.m.

Tue-Fri, July 13-16th – 8:30-3:30 p.m.

Option 2: August 9-13, 2010

Mon, August 9th – 4:00-6:00 p.m.

Tue-Fri, August 10-13th – 8:30-3:30 p.m.

Cost: \$150*

(includes instruction, materials, snacks, lunch, and the option of participating in the Level II course during the 2010-2011 school year)

Lodging

\$89/night (Limited number of rooms available at this rate)

Hyatt Place – 503-288-2808

Mention: Portland Public Schools

Optional: 3 Portland State University credits

To Register Email the following to

eavila@pps.k12.or.us

Name ● School ● Grade ● Subject ● Mailing Address
City ● Zip ● Phone #

* Actual cost of workshop is \$350 per participant. Cost of workshop is supplemented by the *Waters Foundation Systems Thinking in Schools Project/Portland Public Schools*.

Limited # of scholarships available. Contact Elizabeth Avila for more information eavila@pps.k12.or.us

It is our experience that the teaching and implementation of systems thinking techniques within existing curriculum helps students at all grade levels and content areas develop critical thinking skills and deepen understanding. These are the same skills and understandings included in State and National Education Standards.

Teaching for Sustainably requires students to develop and employ Systems Thinking techniques to deepen their understanding of circular causality inherent in the dynamic systems involved in sustainability.

Science, Math, Social Studies, Language Arts, Health and Art curriculums all contain dynamic systems. Utilizing the concepts, habits and tools of systems thinking, students develop the skills to analyze change over time and the relationships that drive dynamic systems. Exploring a curriculum from this perspective requires students to practice higher levels of Bloom’s Taxonomy – analysis, synthesis, evaluation, creating as well as Marzano’s Dimensions of Learning.

The Waters Foundation *Systems Thinking in Schools Project* has dedicated the last 20 years to exploring the effectiveness of using systems thinking strategies in K-12 education: developing and designing materials, teacher training programs, and conducting action research.

This workshop will provide an introduction to Systems Thinking techniques and how they can be infused into the curriculum to provide a framework from which to develop and practice critical thinking strategies.

Workshop limited to 40 participants.

Please send the following information to Elizabeth Avila, eavila@pps.k12.or.us - Winterhaven School, 3830 SE 14th Ave, Portland, OR 97202

Select an option: July 12-16 August 9-13

Name: _____ School: _____

Mailing Address: _____ City: _____ Zip: _____

Summer Phone: _____ Email: _____

Subject Area/Position: _____ Grade Level: _____