



Sustainability Ambassadors Presents  
PBL Curriculum Design Lab – Foundation Series

## **K4C Curriculum Design Lab**

### **Climate Action Planning in My City – Student Voice!**

July 13, 9:00-12:00 | 3 STEM Clock Hours | Zoom Interactive  
For Secondary Teachers and Student Leaders

[REGISTER TODAY](#)

#### **Problem Statement**

What are the easiest, most impactful actions we can take to advance the goals of our city's Climate Action Plan? Does my city have one? How are cities collaborating in King County?



#### **Why you should attend...**

- You want to teach about climate issues in a positive, locally relevant way.
- You love it when your students are authentically engaged.
- You find it messy but thrilling to guide students without knowing all the answers.
- You value a sustainable future.

## About the Lab

K4C stands for [King County Cities Climate Collaborative](#) which includes (so far!) 16 cities, the Port of Seattle, and King County, all committed to helping each other set goals and meet targets to **reduce their GHG emissions**.

What are these goals? What kinds of [Impact Projects](#) can students design to meet academic standards in context of local climate action plans? How are equity outcomes integrated into these plans? Who is leading? Who is not yet participating? Who is left out?

Climate action plans are a like a **local living textbook**, making teaching fun and learning real, inspiring both agency and civic responsibility.

In this Lab, you will learn how your city is addressing climate change and how to support **problem-based, place-based learning pathways** across multiple academic disciplines, from NGSS/STEM to Common Core, civics, to equity and social justice.

- PRACTICE** the fundamentals of problem-based, place-based learning.
- ANALYZE** climate science in context of local government policymaking.
- APPLY** systems thinking to identify actions, track impact, report to stakeholders.
- COACH** student Impact Projects aligned with city climate action plans.
- DESIGN** lessons for application in your classroom.
- EXPLORE** career profiles of people who are working on solving this problem.

### Associated Standards and Frameworks

- OSPI - [Environmental Sustainability Standards](#)
- NGSS - High School [Human Sustainability Standards](#)
- OSPI - [Social Studies Standards](#) for Civics, Economics, Geography, History,
- [College, Career, and Civic Life \(C3\) Framework](#) for Social Studies
- [Common Core State Standards](#) - English Language Arts/Literacy and Mathematics

### Funder Acknowledgement. Thank you!



See Schedule next page...

	<b>TUESDAY - JULY 13</b>	
9:00	<p><b>PROBLEM SOLVING:</b> PBL Entry Event and resource exploration based on breaking down the problem statement. What do we know? What do we need to know?</p> <ul style="list-style-type: none"> <li>• Explore K4C Commitments, polices, plans, performances measures, and Tool Kit.</li> <li>• Understand the context of the King County Strategic Climate Action Plan and the Equity and Social Justice Strategic Plan.</li> </ul>	
9:30	<ul style="list-style-type: none"> <li>• Conduct a gap analysis (web search) on how my city is doing related to K4C goals.</li> </ul>	
	<p><b>EXPERT INPUT &amp; STUDENT VOICE:</b> Facilitated learning exchange with invited experts and policy makers and on what kinds of curriculum pathways and youth-led projects can best contribute to K4C goals in a measurable way.</p>	
10:00		
	<p><b>Tool Kit &amp; City Examples</b>          Burien, Shoreline, and others invited....          Kirkland Sustainability Master Plan          Bellevue Environmental Stewardship Plan          Redmond Environmental Stewardship Plan          Seattle Climate Action Plan          Others...</p>	<p><b>Student &amp; Classroom Examples</b>          Our Classroom CAP (Lesson)          Town Hall @ School (Bellevue Model)          Student Impact Project Design</p>
10:30		
11:00	<p><b>APPLICATION – BREAKOUT</b>          Teachers Develop Curriculum Plans (Individual or in Teams)          Student Teams: Develop K4C Advocacy Plans and related Impact projects for My City          Coaching: Extended Q&amp;A and design work with Experts</p>	
11:30	<p><b>REPORT OUT &amp; FEEDBACK</b>  <b>Feedback, alignment and vision from invited County, Port, City Staff &amp; Elected Officials</b></p> <p>1) Teachers share specific and actionable K4C lesson ideas that demonstrate the value of aligning academic standards in the classroom with K4C Goals. (2) Student Ambassadors share K4C Advocacy Plans specific to the cities they represent.</p>	

12:00 **Adjourn**