



Collective Impact Story

Sustainability Ambassadors | September 2020 - September 2021



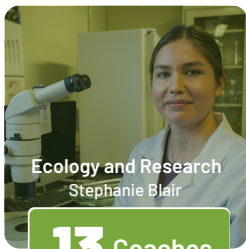
COMMUNITY

Sustainable Systems Coaches

Engaged in mentoring students and advising teachers



Energy Efficiency Analyst
Santiago Rodríguez-Anderson



Ecology and Research
Stephanie Blair

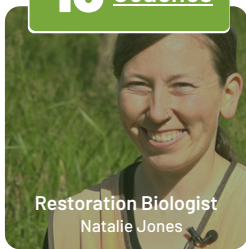


City Council Member
Pam Stuart

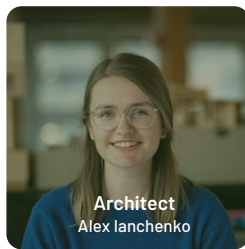
13 Coaches



Climate Action Advocate
Jan Keller



Restoration Biologist
Natalie Jones



Architect
Alex Ianchenko

Town Hall @ School

Empower students in high school civics and environmental science classes with the knowledge and skills to apply academic skills in context of improving sustainable community conditions as measured against city environmental stewardship plans and GHG emissions reduction targets.

- Classroom research on city policies and performance measures
- Interaction with city staff and council members through a virtual Town Hall event
- Follow up in the classroom with student impact project design
- Report impact to stakeholders

Bellevue: First city to participate! April 28th 2021

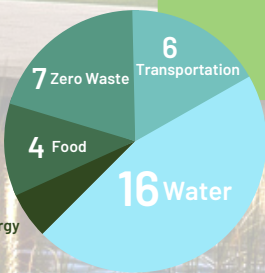
Types of Student Impact Projects

50 students participating in civics or science curriculum

25 students reps at Town Hall event

5 / 5 Bellevue high schools with student rep participation

2 / 5 Bellevue high schools with teacher participation

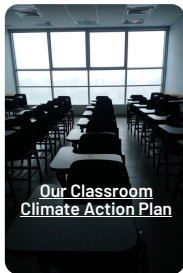


35 student impact projects (Bellevue High School)

K4C - PBL Alignment

Aligning the goals of the King County Cities Climate Collaborative (K4C) with problem-based, place-based (PBL) Curriculum Pathways and student Impact Project design.

Published new lesson aligning with City Climate Action Planning



Our Classroom Climate Action Plan



Facilitated first annual Foundation Lab for students and teachers on K4C - PBL Alignment

Produced working draft of a new table that aligns K4C goals, curriculum, and student projects

K4C - PBL Alignment Table

K4C Shared Goals	PBL Curriculum Pathways	Student Impact Projects
Climate Policy/Preparedness	Our Classroom Climate Action Plan	My Water Footprint
Transportation and Land Use	Impact Project Design	My Carbon Footprint
Clean Fuels and Electric Vehicles	Engaging Stakeholders	Solar Neighborhood Challenge
Energy Supply	Town Hall @ School	Carpooling Campaign
Green Building and Energy Efficiency	Net Zero Buildings	Bike to School
Consumption and Materials Management	Climate Sci-Fi Writing	EV Charging Infrastructure
Forests and Farming	Climate Solutions as Economic Opportunity	Trees are Cool
Operations Pathway	Climate Justice	Food: Too Good to Waste
		Backyard Gardening
		LED Home Lighting Swapout

Green-Duwamish Watershed Curriculum Design Lab

Funding support from King County Waterworks Program



Supporting middle school and high school teachers in designing problem-based, place-based curriculum pathways that meet academic standards in context of advancing salmon recovery goals. The project is approved as Near-Term Action in the Puget Sound Partnership Recovery Plan.

4 School Districts engaged: Kent, Auburn, Tukwila, Highline

44 Teacher Participants since 2018

3,300 Estimated students impacted (25 students x 3 sections per teacher)

22 Videos "Experts in the Classroom"

Features three different entry points for applied learning.

Case Study Sites are existing, partner-led projects for in-class analysis of what's working, methods used, and the measurable impact on watershed integrity.

Recommended Sites are designed by students within the parameters of their neighborhood and feature a range of stewardship action types that can either be proposed or implemented including green stormwater infrastructure, tree planting, and litter reduction.

Stewardship Action Sites involve hands-on restoration and monitoring with ongoing outdoor learning investigations.

9 Technical Partners

Green-Duwamish Watershed Ecosystem Forum, Tacoma Water, City of King, King County Lower Green River Steward, Washington Stormwater Center, Puget Soundkeeper Alliance, WA Dept of Ecology, Green River Coalition, Urban Waters Federal Partnership

PBL for Water Systems

Funding support from Cascade Water Alliance



Natural Systems

Climate and Weather
Water Cycles
Watershed/Ecosystem Integrity

Infrastructure Systems

Drinking Water Supply
Wastewater Treatment
Stormwater Management

Social Systems

Cultural/Historical Context
Political Context
Economic Context

Supporting middle school and high school teachers in designing problem-based, place-based curriculum pathways that meet academic standards in context of local water resource management goals. This includes an understanding of the interdependent relationships among three water systems.

4 School Districts engaged: Lake Washington, Issaquah, Bellevue, Tukwila

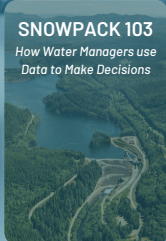
105 Teacher Participants since 2017

7,495 Estimated students impacted

9

New Lessons published

SNOWPACK Lesson Collection



Climate Science, Climate Justice, Climate Solutions

PBL Curriculum Design Lab and Coaching. A new partnership with Puget Sound Educational Service District and the Educators of Color Leadership Community.

Funding support from the ClimeTime of the Washington State Legislature

School Districts engaged:

Kent, Enumclaw, Auburn, Franklin, Pierce, Shoreline, Seattle, Tukwila, Mukleshoot, Federal Way, Highline, Issaquah, Washouq, Rainier Valley, Leadership Academy, Lake Washington, Tacoma, Everett

35 Teacher Participants

2,880 Estimated students impacted

17 School Districts engaged

