

City Classroom CAP - Series

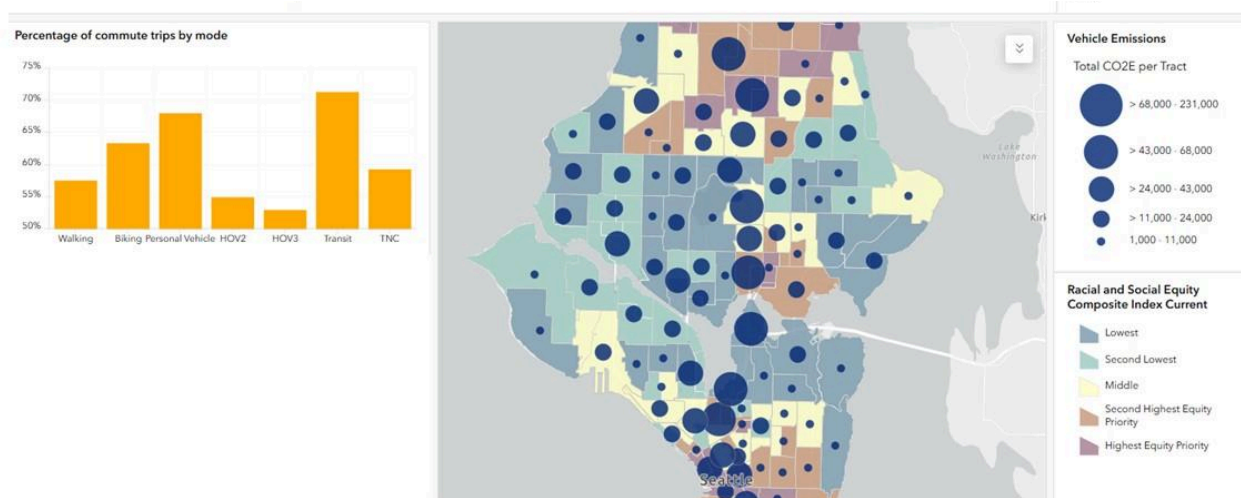
PBL support for using your City Climate Action Plan as a Living Textbook for local relevance, student agency, and community impact.



Credit: Kevin Lisota

Sustainability Dashboards - How Do We Track Progress?

Explore the performance measures, updates, and dashboard reporting for your city and other cities to align classroom impact projects and school campaigns with actions needed and being tracked by our city. If we design and implement impact projects, **are we part of these numbers?** If lots of students did the same actions, could we see the numbers shift?



Analyze one or more of these sample data dashboards...

1. [One Seattle Climate Portal](#)
2. [Tacoma Progress Reports](#)
3. [Bellevue Environmental Performance Dashboard](#)
4. [Issaquah Climate Action Plan: View Data Dashboard](#)
5. [Redmond Environmental Sustainability Action Plan: View Data Dashboard](#)
6. [Kirkland Sustainability Strategic Plan](#): Scroll down on this landing page to view annual Progress Reports for 2021, 2022, 2023.
7. [UW Sustainability Dashboard](#)

Questions we might ask...

- Are we part of these numbers?
- If we take action would it be tracked on this dashboard or in the next report from our city? Would we notice it?
- What if all of the students and their families in our school took the same actions? Would the data show up in the dashboard?
- What if all of the families in our entire school district took the same actions?
- What are the math assumptions behind the dashboard's formulas for tracking progress?
- Are we making progress?
- Are we making progress at the right rate of change needed to slow down and then reverse the impacts of climate change?
- What are the impacts of climate change happening right now in our city? How are they projected to change in the coming decades if we do nothing different?
- How do you feel about our progress as a city so far?
- How can we help?
- Can we design and manage a dashboard for our own impact projects as a classroom, school or school district? What would this look like? What math protocols or assumptions would we use? Who gathered the data? How often?
- If we do take action, and we can measure it, who in the city would want to know?
- Are there career pathways here that interest me?

Global City Sustainable Rankings, Networks and Goal Setting

Analyze the climate action plans and dashboards of our city in context of cities around the world.

1. [Arcadis Sustainable Cities Ranking 2024](#)
2. [C40 Cities Climate Leadership Group](#)
3. [UNSDG #11 Sustainable Cities and Communities](#)

Next steps and extensions...

Student Agency - Impact Project Design

Lesson Resources: Students practice the [IP3 Strategy](#) to develop individual, team, and school-wide projects with metrics that measurably advance the City's Climate Action Plan. It's best to practice a few simple Impact Projects **as a whole class** to study the **IP3 Strategy** as a model of effective project management. Classroom spreadsheets are provided so that students can see the power of data-driven collective action. The IP3 Strategy emphasizes creative and personalized **impact storytelling** so that students can find their voice connected to measurable impact directed at priority stakeholders.