



Learn more about IP3 Strategy [here](#)

Property Tree Inventory

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1. Impact Design

Impact Statement - If I count the number, type, and age of trees in my neighborhood and determine the percentage of land area covered by trees where I live, then I can take action to support and improve my city's tree canopy goals.

Community Alignment	
Group	Goal/Action
My Water World (mywater.world) This tool allows users to explore an interactive map that can be altered to show tree canopy, photos, water quality, demographics, and other environmental factors in the Greater Seattle region.	Check out the Story Map tool which works to spread awareness about the watershed and environmental differences.
King County Stewardship	3 Million Trees — Five-year goal to plant, protect, and prepare a combined 3 million trees by the end of 2025. See many benefits of trees .

Procedure - Steps for implementation!

1. Go outside to walk around and analyze the health of trees in my neighborhood. Decide the boundaries for my neighborhood assessment so I know the land area.
2. Collect data on the type, age, and location of trees! My findings can be recorded onto a spreadsheet, written in a journal, or however I see fit!
3. Determine the health of the trees in my neighborhood by analyzing my data. Do the quality of trees depend on their type? Are older trees more likely to offset CO₂ emissions? How might tree health be affected by its roots lifting sidewalks? Find answers by reading reliable articles and write down my analysis below my data.
4. Finalize my impact data by averaging the data for each category (type, age, location.)
5. Communicate my impact to stakeholders!

2. Impact Data Tracking - Quantify your impact!

Some questions to consider...

- How is tree health defined?
- How does the type of tree affect offsetting CO2 emissions?
- How does age affect tree processes?
- Where do trees look the most or least healthy?

[See Database Here](#)

3. Impact Storytelling - Share your data with who needs to know! See more [tips](#)

Think on 4 scales of stakeholders... Family, School, Community, and Aligned Groups

Stakeholder	Interests	Approach
Family — <u>Parents</u>	Protecting trees	<u>Conservation:</u> Start a conversation about what else we can do for trees on our property or trees around the neighborhood to ensure their health and survival, or plant more!
School — <u>Environmental Studies teachers and Admin</u>	Community Involvement, Youth Development	<u>Presentation:</u> Build a presentation that talks about my process of surveying trees and my results, then tie it into Kirkland's tree canopy and the future. Talk about how planting more trees on campus will contribute to a more sustainable and less-bright future ;)
Community — <u>Neighborhood Council</u>	Healthy neighborhood	<u>Data Visualization:</u> Create a PowerBI dashboard that uses a variety of graphs, statistics, and design to show comparisons among categories such as the average CO ₂ offset by trees on my property compared to their average age, type, and location. Present this during neighborhood meetings or city council meetings to promote tree health and planting trees. Maybe talk about the newly implemented tree codes and how these changes impact homeowners/tree-owners.
Aligned Groups — <u>Green River Coalition</u>	A non-profit organization that collaborates with the community, city, nonprofits, educational institutions and other agencies to protect and enhance the Green River and our watershed.	<u>Email for Connections:</u> Ask to be connected with other organizations and their tree planting events. I may be sent opportunities to participate in upcoming reforestation events.

Add your project to our website under "[Submit your Impact](#)"! Contribute to collective impact...

Hugging (measuring) series with trees, maybe set to a song/lyrics/composed piece.

-Questioning/curious tone

-Get people thinking about what I'm doing and why

Start in my neighborhood talking about the trees I'm surrounded by and the privilege I get to experience by living here from:

- Air quality
- Water quality
- Cleanliness
- Shaded areas
- Green areas
- Cooler temperature

Shift to a neighborhood that doesn't have as many trees and talk about how and why there are differences and what that means for them.

How can we bridge this inequitable system and get trees everywhere?