

BUILDING (TREE)LATIONSHIPS

– CAMPUS TREE EDUCATION –

TREES ARE A SOURCE OF CREATIVITY AND ABUNDANCE THAT CAN CONNECT STUDENTS TO ART, SCIENCE, AND HUMANITIES, RIGHT ON YOUR SCHOOL CAMPUS.

Taking time to learn about and care for the trees around you can help ground students in a **sense of place and responsibility** for their school community.

Make leaf prints using the flat end of a crayon and the underside of a leaf under paper. This is a great way to compare leaf shapes and learn to identify campus trees through kilo (close observation).

Connect to native and canoe plants through **weaving, lei making, carving, printing, fiber arts and instrument** using tree resources.

Use green spaces as **outdoor classrooms**, a place to gather, learn, play, reflect, and appreciate the shade.



DLNR Forestry & Wildlife, Kaulunani Urban & Community Forestry Program



USE CAMPUS TREES TO LEARN SCIENCE AND DESIGN OUTSIDE THE CLASSROOM!

Get to know your campus trees!
Take a walk and map current and trees.

Make signs so others can build (tree)lationships on.



MyTree Benefits Over 20 years.

Aleurites spp. (Aleurites)

Serving Size: 8.00 in. diameter
Condition: Good
Location: Honolulu, HI, United States
Expected iTree benefits over 20 years: \$2,477.84
Discover benefits of all your [community trees!](#)

Carbon Dioxide Uptake	\$217.16
Carbon Sequestered ¹	1,003.69 lbs
CO ₂ Equivalent ²	3,680.2 lbs
Storm Water Mitigation	\$4.52
Runoff Avoided	505.33 gal
Rainfall Intercepted	15,384.84 gal
Air Pollution Removal	\$25.05
Carbon Monoxide	11.04 oz
Ozone	162.7 oz
Nitrogen Dioxide	9.84 oz
Sulfur Dioxide	9.84 oz
PM _{2.5}	6.8 oz
Energy Usage³	\$1,806.43
Electricity Savings	4,302.79 kWh
Heating Fuel Savings	0.83 MMBtu
Avoided Energy Emissions	\$424.68
Carbon Dioxide	6,363.41 lbs
Carbon Monoxide	535.58 oz

Measure the benefits of campus trees
How cool is your schoolyard? Take temperature measurements and compare heat under trees to open spaces. Learn about how trees help with urban heat abatement.

Measure your campus trees and use the **iTree tool** to calculate your tree's ecosystem services, including CO₂ captured air and water pollution assistance and energy savings.



Care for existing trees on your campus by watering, mulching, pruning or celebrating their value. **Grow plant from seeds** and learn about



Expand your campus canopy by planting more trees. Be sure to make a tree care plan and get the proper approvals before planting.

RESOURCES



CONTACT

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