













Admin PL - Spring 2025 Walkthrough tools and



Empowering youth to protect & enhance local biodiversity

The ECUITY project aims to develop and utilize a multi-agency partnership to design. implement, and test a research-based professional learning approach to provide teachers and their students with actionable knowledge on how to protect and problem-based learning sequences (LSs), short units of instruction that include

local context in the project and that highlight biodiversity impacts on a local scale.



### Field Test and PLCs Revisions

. Post-Obs, Teacher Data collection from both teachers and students captured information about teachers' instruction.

on the environment, engineering design, etc.) before and after their implementation of the ECUITY LSs in addition to how teachers felt the ECUITY project impacted them and their students. Our team used this research data alongside feedback teachers provided throughout their participation in the project and student work from the LSs to make revisions to learning sequence materials.

#### **ACKNOWLEDGEMENTS**



Influence of the ECUITY project on teachers and their students

# Findings: Biodiversity



### Finding: Engineering Design

- Cales .mtm: learning sequences in their descriptions of the engineering design process

## Finding: Student Agency

design a plan that would increase blodiversity on their campus.



#### Finding: Environmental Justice Students' Understanding of the term "Environmental Justice