



2023 Grant Application

Individual Project Description

(Complete for each project included in the grant application)

Title:	Ecosystem Investigations
	<small>Project Title</small>
Leader(s):	Cirrus Farber, Allan Peterson
	<small>Project Leader(s)</small>
Time Period:	September-May
	<small>When will the project happen? Show start and end dates</small>
Funds Requested:	-Bus transportation to each ecosystem in fall and spring (\$800) (\$200 per trip, and wa \$200 for student nature journals \$400 Books for each classroom 1,400 total

Provide project budget and basis for planned expenditures, i.e., "Entrance fees @ \$10/student for 40 students"

Purpose and rational of project:	Students will learn about 3 separate ecosystems (forest, pond, and saltwater estuary), and learn to identify the producers, consumers, and decomposers present in each ecosystem. Additionally, students will learn about threats to each ecosystem, how human activity contributes to these threats, and how these threats can be reduced.
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What is the purpose of this project and why is this project important to environmental education at your school?

Brief description of project activities:	<p>Each visit would include a OCT hike with plant identification activities, animal identification/tracking activities, and decomposer evidence activities. During each hike, students would also take pictures and notes for use with a final project. Final project would be poetry, artwork, or informative paragraphs that could then be accessed via QR codes at each site.</p> <p>Before each field trip, students will read about the type of ecosystem as well as the producers, consumers, and decomposers in that ecosystem. Additionally, they will read about different environmental threats to this ecosystem as well as ways to reduce these threats.</p> <p>During each field trip, students will carry clipboards to track evidence of each food chain. Plant identification and animal identification/tracking information will be included as a resource and students will also be utilizing iPad apps to help identify plants and animals while on site. While on site, students will also have time to sketch</p>
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and write about their observations in their nature journals.

As a culminating activity, students will pick a favorite site and create a small project (informational paragraph about a specific animal or plant, art, or poem) that will be displayed during a project presentation to parents, OCT members, and the school community. Additionally, digital versions of each project will be attached to QR codes that the public can scan and access while visiting the informational kiosks at each site.

What will you be doing, where will you be going? What other organizations or consultants will be involved if any?

Project
participants:

Cirrus Farber, Allan Peterson (5th grade teachers)

Caitlin Dailey (art teacher)

Amy Fish (STEM teacher)

Kara Yuen (Librarian)

Dawn Steber (Technology teacher)

Which staff and/or students will participate? How many participants will there be?