Drone Research Opportunities for Native Elementary Students (DRONES)

Dayna DeFeo, Univ. of Alaska Anchorage (Project Research)
Lynda McGilvary, Univ. of Alaska Fairbanks (Project Development)

We acknowledge and thank the Native Tribe of Nenana, the Native Tribe of Nulato, and the Valdez Native Tribe for the use of their intellectual property, and for their expertise and direction in all aspects of this project.

We also acknowledge the Alaska Native nations upon whose ancestral lands our campuses reside. In Fairbanks, the Troth Yeddha’ campus is located on the ancestral lands of the Dena people of the lower Tanana River. The Anchorage campus is located on the ancestral lands of the Dena’ina.
Our pathway

Iterative in nature, expanding to new contexts and themes
Project Overview

- Technology: Alaska-relevant
- Audience: Students in grades 3-6, & their teachers
- Communities: Indigenous & rural
  - Diverse geographies, cultures, language groups
- Partners: Indigenous experts & community members
Research basis

Mixed methods

- Qualitative approaches
- Quantitative instruments*
- Indigenous methodologies
- Guidance from Elders, communities, & Indigenous community liaisons

Multiple perspectives

- Comparative across sites
- Students
- Communities
- Educators
Research priorities

“Nothing for us, without us.”

1. Study the process
2. Study the products
3. Study ourselves
4. Engage our partners & communities
Thank you!

Lynda McGilvary
lmmcgilvary@alaska.edu

Dayna DeFeo
djdefeo@alaska.edu